

**NATIONAL COASTAL ASSESSMENT
2003**

**BENTHIC COMMUNITY CONDITION
IN MARYLAND'S COASTAL BAYS**

Prepared for

Maryland Department of Natural Resources
Tidewater Ecosystem Assessment Division
580 Taylor Avenue, D-2
Annapolis, Maryland 21601

Prepared by

Roberto J. Llansó
Frederick S. Kelley
Lisa C. Scott

Versar, Inc.
9200 Rumsey Road
Columbia, Maryland 21045

June 2004

FOREWORD

This document, *National Coastal Assessment 2003: Benthic Community Condition in Maryland's Coastal Bays*, was prepared by Versar, Inc., at the request of Ms. Cathy Wazniak of the Maryland Department of Natural Resources under Cooperative Agreement CA-03-18-07-4-30817-3734 between Versar, Inc., and the University of Maryland Center for Environmental and Estuarine Studies. The report assesses the status of benthic communities in the Maryland's coastal bays in support of the United States Environmental Protection Agency's National Coastal Assessment Program.

TABLE OF CONTENTS

	Page
FOREWORD	ii
1.0 INTRODUCTION	1
2.0 METHODS	1
2.1 SAMPLE COLLECTION.....	1
2.2 LABORATORY PROCESSING.....	3
2.3 DATA ANALYSIS.....	4
3.0 RESULTS	5
4.0 REFERENCES	26
APPENDIX SPECIES ABUNDANCES	27

1.0 INTRODUCTION

The National Coastal Assessment (NCA) Program, the continuation of the Coastal 2000 Project, is a component of the Environmental Monitoring and Assessment Program (EMAP). The National Coastal Assessment and EMAP are national research programs led by the Environmental Protection Agency's Office of Research and Development (EPA-ORD). The New NCA/EMAP are intended to develop the scientific tools and agency partnerships needed to broadly assess the status and trends of significant ecological systems. The goal of EMAP is to "monitor the condition of the Nation's ecological resources to evaluate the cumulative success of current policies and programs and to identify emerging problems before they become widespread or irreversible."

The Maryland Department of Natural Resources (DNR) has developed a Cooperative Agreement with the Environmental Protection Agency (EPA) to join collaboratively in the National Coastal Assessment Program to assess the coastal waters and estuaries of the United States. As the lead agency for the state of Maryland, DNR conducted a study in August 2003 to assess water quality, sediment quality, and the quality of biological resources in the Maryland's coastal bays. This document presents the results of the benthic portion of the study, an assessment of the condition of the bottom invertebrate community.

2.0 METHODS

2.1 SAMPLE COLLECTION

Benthic samples for NCA 2003 were collected at 152 sites between 4 and 20 August 2003. Of the 152 sites, 80 were new established sites for NCA 2003, 63 were DNR sites previously sampled in the NCA 2002 effort, 8 were Mid-Atlantic Integrated Assessment (MAIA) sites, and one was an EMAP Virginian Province site (Figure 1). Station designation and location are presented in Table 1. Most of the sampling was conducted aboard the Research Vessel Polgar; however, on the last two days of field sampling, a jon-boat was used to reach the more shallow areas of the bays.

Standardized methods were used in this project. While the field and laboratory procedures were consistent with the methods used by the NCA partners, an effort was made to obtain data that could be compared with historic and current monitoring efforts in Maryland's estuarine waters.

Benthic samples were collected with a Young Grab, which samples an area of 440 cm² to a depth of 10 cm. One benthic grab sample was collected at each site. In previous years, three grab replicates were collected, although only one was processed in the laboratory. Benthic samples were sieved through a 0.5-mm screen using an elutriative process, and the organisms retained on the screen were transferred to labeled jars and

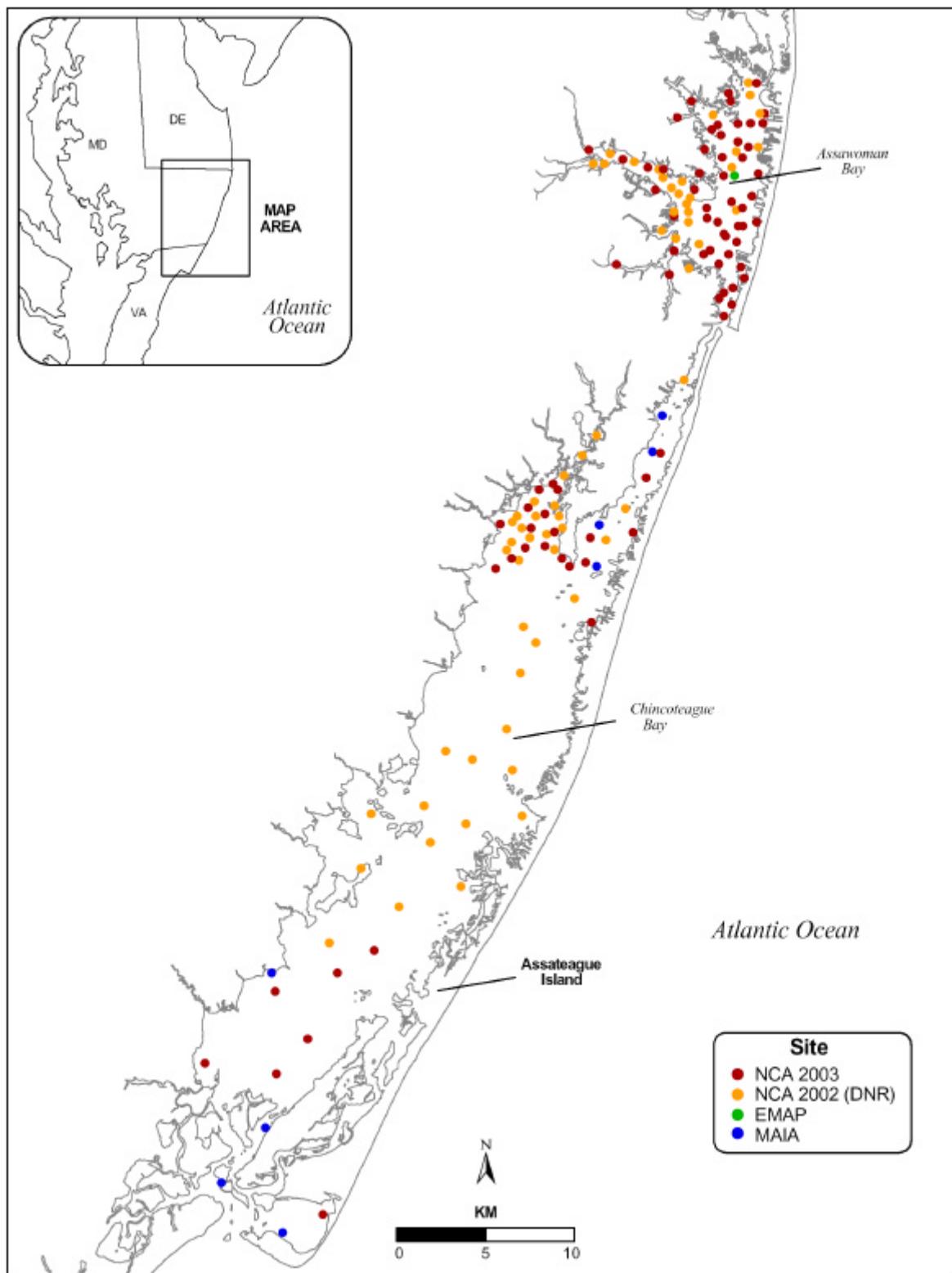


Figure 1. Location of the coastal bays sampling sites for 2003

preserved in 10% buffered formalin stained with Rose Bengal (a vital stain used to aid separation of organisms from sediment and detritus). One sediment subsample for silt-clay analysis and three sediment subsamples for chlorophyll *a* analysis were collected from an additional grab sample from each site. For sediment chlorophyll, a small sample (approximately 5 cm²) from the top one centimeter of sediment was collected with a 60 cm³ syringe (2.5 cm diameter), transferred to a centrifuge tube, and kept on ice in the dark while on board. Chlorophyll and silt-clay analysis samples were subsequently frozen until processed in the laboratory.

Water quality measurements included surface and bottom water temperature, conductivity, salinity, dissolved oxygen concentration (DO), and pH, and surface Photosynthetically Active Radiation (PAR) and chlorophyll. The first five parameters were recorded electronically at 0.5 m from the surface and approximately 0.5 m from the bottom using a YSI 6600 Sonde and a 650 data logger. At deep sites, additional measurements were taken at 1 m intervals. PAR was measured immediately below the surface of the water column and every 0.5 m thereafter using a LI-192SA Underwater Quantum Sensor and a LI-190SA Reference Sensor (LI-COR Corporation, Lincoln, Nebraska). Samples for water-column chlorophyll *a* were collected in duplicate for each site by filtering a 100 ml volume of surface water onto 47-mm diameter GFF filters using a vacuum filtration system. Filters were wrapped in aluminum foil and kept on ice in the dark while on board, and later frozen pending analysis.

2.2 LABORATORY PROCESSING

Benthic organisms were sorted from detritus under dissecting microscopes, identified to the lowest practical taxonomic level, and counted. Oligochaete annelids from high salinity samples were identified to group level only. Anthozoans, nemerteans, and turbellarians were identified to species level, but combined for analysis into each of these groups to be consistent with group-level identifications of these taxa in previous years.

A voucher collection of rare and taxonomically problematic species initiated with the Coastal 2000 assessment is available upon request. Rare species are those for which there were no specimens, or only one specimen existed, in the permanent reference collections maintained at Versar or Cove Corporation. Taxonomically problematic species are those for which there was insufficient taxonomic information to resolve their classification with certainty.

Sand and silt-clay particles were separated by wet-sieving through a 63 micron stainless steel sieve and weighed using standard procedures described in Plumb (1981) and Buchanan (1984). Chlorophyll *a* analysis were conducted by the Chesapeake Biological Laboratory (CBL) following standard methods described in Strickland and Parsons (1972).

2.3 DATA ANALYSIS

Analyses were performed in the context of measures of benthic community condition used in a benthic index of biotic integrity (B-IBI) developed for the U.S. EPA Mid-Atlantic Integrated Assessment (MAIA) Program (Llansó et al. 2002). The MAIA region extends from the Delaware Bay estuary to Pamlico Sound. The MAIA B-IBI is a multiple-attribute index designed to identify the degree to which a benthic assemblage deviates from expected reference (non-degraded) conditions. It integrates several benthic community attributes indicative of "health" into a single number that measures overall benthic community condition.

The MAIA index was derived following procedures similar to those used during the development of the Chesapeake Bay B-IBI (Weisberg et al., 1997). Thresholds were established for each of several attributes as the 10th (or 90th, see below) and the 50th percentile values of the distribution of values at reference sites. This was done for each of five salinity habitats. For each attribute, a value from a new sample falling below the 10th percentile threshold (or above the 90th) was considered to deviate strongly from values at reference sites in similar habitats. An upper threshold corresponding to the 90th percentile was used for some attributes (e.g., percent abundance as pollution indicative taxa) because the direction of the response is such that higher percentages are expected in degraded sites than in reference sites. The index was validated using an independent data set. Existing datasets from several federal and state sampling programs and multiple years were used to develop and validate the index. For details see Llansó et al. (2002).

Attributes of benthic community condition used in the MAIA index are the following: abundance (number of individuals per m²), number of taxa, Shannon-Wiener diversity index (calculated with logarithms in base 2), percent dominance (100 minus the percent abundance contributed by the top two numerically dominant taxa), percent abundance as pollution indicative taxa, percent abundance as pollution sensitive taxa, percent abundance of deep-deposit feeders, percent abundance of Bivalvia, and the percent abundance ratio of Tanypodinae to Chironomidae. Epifaunal organisms, which usually respond differently to pollution than infauna (Ranasinghe et al. 1994), were excluded from the analysis.

One of the measures listed above, abundance, responds bimodally to stress; that is, the response can be greater than at reference sites with moderate degrees of stress, and less than at reference sites with high degrees of stress (Pearson and Rosenberg 1978). For this measure, an upper threshold corresponding to the 90th percentile value at reference sites was established in addition to the lower threshold corresponding to the 10th percentile (Weisberg et al., 1997). Values from samples falling above the upper threshold indicate moderate effects on benthos resulting in excess abundance in relation to organic enrichment. Values from samples falling below the lower threshold indicate depauperate benthic communities symptomatic of prolonged oxygen stress, toxic contamination, or other anthropogenic disturbance.

As with the Chesapeake Bay B-IBI, the MAIA index is scaled from 1 to 5. Sites with values of 3 or more were considered to meet the goal, defined here as the

observation of a benthic community that does not differ significantly from the reference (non-degraded) condition. Based on the MAIA B-IBI, sites were classified into three levels. Sites with index values less than or equal to 2.0 were classified as severely degraded; sites with index values from 2.1 to 2.9 were classified as moderately degraded; and sites with index values of 3.0 or more were classified as meeting the goal.

3.0 RESULTS

For each of the 152 NCA 2003 sites, MAIA B-IBI values are presented in Table 2 and the corresponding benthic community condition is presented in Figure 2. Station specific water quality measurements and sediment composition are provided in Table 3. A complete list of species and their abundance is provided in the Appendix and in electronic format. Twelve sites were sampled at locations that differed by more than 55 m in latitude or longitude from the target positions due to shoaling (Sites 0027, 0071, 0135, 0149), seagrass beds (0090, 0092, 0115), marsh islands (0146), and strong currents or other navigational factors (0005, 0075, 0111, 0118).

Chlorophyll *a* concentrations of sediments and water and PAR values are provided in electronic format separately from this report. The PAR sensor failed during the final days of fieldwork. In total, PAR was not measured at 11 sites. Sediment chlorophyll analysis was conducted for three replicates per site. Water chlorophyll analysis was conducted on two replicates for 10% of the sites, and on single samples for the remaining of the sites. Sediment chlorophyll estimates were calculated for a 1 cm³ sediment core. No problems were encountered during the sampling or analysis of sediment chlorophyll.

The data presented in Table 2 include two modifications introduced with the 2003 report. First, percent dominance is expressed as the percent abundance contributed by the top two numerically dominant taxa (rather than 100 minus this value). Second, the abundances of *Mediomastus* spp. and *Mediomastus ambiseta* are combined for metric and index calculations, since a majority of the *Mediomastus* individuals in the coastal bays of Maryland belong to the latter species. In addition, the names of two species were changed to reflect recent taxonomic revisions in the literature: *Macrolymene zonalis* to *Euclymene zonalis*, and *Sphaerosyllis brevifrons* to *Sphaerosyllis erinaceus*.

Of the 152 sites sampled in 2003, 136 sites (89.5%) exhibited healthy benthic communities (index score equal to or greater than 3.0) and 16 (10.5%) exhibited degraded benthos (index score < 3.0, Table 2, Figure 2). Of the 16 sites that failed, 10 were classified as severely degraded and 6 were classified as moderately degraded by the index.

Degradation at sites 0009, 0037, 0040, 0063, 0075, 0079, and 0082 was due to low abundance and low species richness. Degradation at sites 0004, 0014, 0046, 0050, 0056, 0076, 0084, 0121, and 0129 was due to strong dominance by 1 or 2 species generally in combination with excess abundance of organisms relative to reference conditions. The polychaete annelids *Streblospio benedicti* and *M. ambiseta* accounted for

the majority of organisms in these samples, except for site 0129 where the amphipod *Ampelisca abdita* was numerically dominant. Excess abundance (causing the abundance metric to score as 1) occurred at 49 sites (32% of all sites).

Excess abundance of organisms is often attributed to organic enrichment of the sediment and has been linked to excess algal growth and nutrient over enrichment in some studies. Natural contributions of detritus from marshes and eelgrass beds may also contribute to excess abundance of organisms. In the present study, we avoided collection of samples in the immediate proximity of marshes and eelgrass beds in Chincoteague Bay, so the influence of this last factor is probably small at the study sites. Unlike in last year field effort, we observed no eelgrass in the samples. The analysis and interpretation of the benthic chlorophyll data should be able to help assess levels of eutrophication within the coastal bays.

Sixty-eight of the 152 sites sampled in 2003 were previously sampled in 2002 (all of the DNR sites, four of the MAIA sites, and the EMAP site, Table 1). Of the 16 sites failing the MAIA B-IBI in 2003, two sites (0063 and 0050) were classified in 2002 as meeting the goals. However, eight sites (0025, 0029, 0031, 0034, 0038, 0059, 0073, and 0136) classified in 2002 as degraded met the goals in 2003. Overall, fewer sites were classified as degraded in 2003 than in 2002. Sites in the St. Martin River showed the greatest difference, with lower overall benthic degradation in 2003.

At sites sampled in both years, average species richness and overall densities of organisms were higher in 2003 ($25.0 \pm 9.7^*$ taxa and $6,885 \pm 4,437$ individuals per m^2) than in 2002 (21.9 ± 9.3 taxa and $5,908 \pm 3,545$ individuals per m^2), and dominance was lower in 2003 ($55 \pm 14\%$) than in 2002 ($66 \pm 15\%$), suggesting improved benthic community condition in 2003. These patterns should be evaluated in conjunction with the other physical, chemical, and biological data collected as part of the 2003 assessment. Precipitation was higher than normal in 2003, and resulted in low near-bottom salinities and water temperatures in 2003 (26.8 ± 2.5 psu and $25.7 \pm 2.3^\circ$ relative to 2002 (33.7 ± 2.6 psu and $27.5 \pm 2.1^\circ$). The influencing effects of hydrographic conditions should be weighed when interpreting the results of this year's monitoring data and when comparing to previous years.

*Standard deviation.

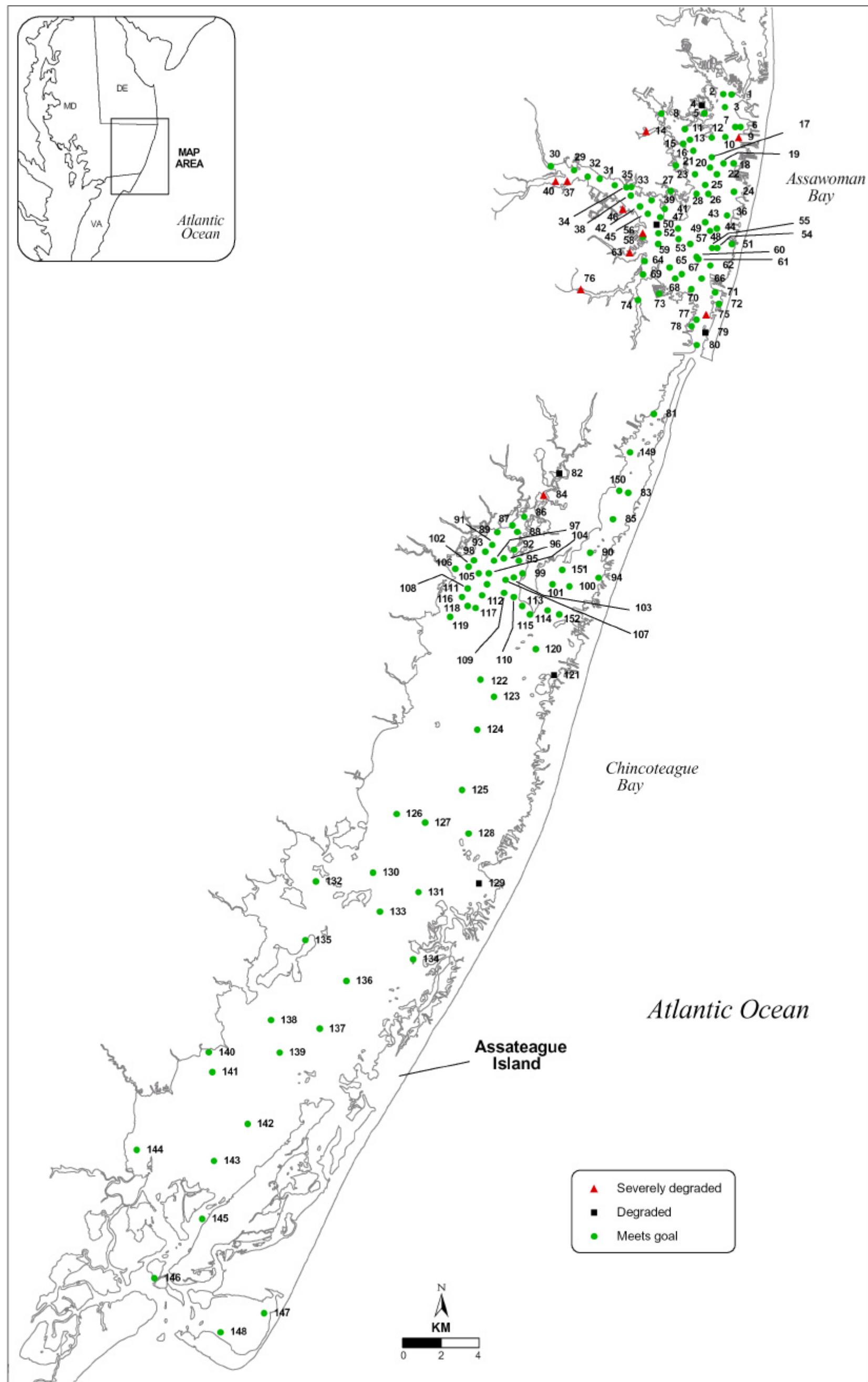


Figure 2. Benthic Community condition at each of the August 2003 Coastal Bays sites

Table 1. Coastal bays sampling sites for 2003

Site (This study)	Site (DNR, EMAP, MAIA)	Latitude	Longitude
MD03-0001		38° 26.816	75° 4.446
MD03-0002	506	38° 26.824	75° 4.748
MD03-0003	505	38° 26.460	75° 4.692
MD03-0004		38° 26.508	75° 5.513
MD03-0005		38° 26.286	75° 5.430
MD03-0006		38° 25.917	75° 4.130
MD03-0007	553	38° 25.915	75° 4.314
MD03-0008		38° 26.282	75° 6.965
MD03-0009		38° 25.631	75° 4.191
MD03-0010		38° 25.632	75° 4.676
MD03-0011	507	38° 25.862	75° 6.120
MD03-0012		38° 25.618	75° 5.163
MD03-0013		38° 25.565	75° 5.944
MD03-0014		38° 25.798	75° 7.499
MD03-0015		38° 25.440	75° 6.178
MD03-0016		38° 25.264	75° 5.821
MD03-0017		38° 25.078	75° 5.160
MD03-0018	549	38° 24.904	75° 4.377
MD03-0019		38° 24.906	75° 4.744
MD03-0020	550	38° 24.787	75° 5.221
MD03-0021		38° 24.847	75° 6.451
MD03-0022		38° 24.598	75° 4.979
MD03-0023		38° 24.601	75° 5.760
MD03-0024		38° 24.123	75° 4.373
MD03-0025	503	38° 24.305	75° 5.397
MD03-0026	VA92-495	38° 24.064	75° 5.288
MD03-0027		38° 24.141	75° 6.639
MD03-0028		38° 24.058	75° 5.710
MD03-0029	221	38° 24.718	75° 10.089
MD03-0030		38° 24.828	75° 10.925
MD03-0031	219	38° 24.479	75° 9.169
MD03-0032		38° 24.538	75° 9.608
MD03-0033		38° 24.248	75° 8.038
MD03-0034	215	38° 24.243	75° 8.210
MD03-0035		38° 24.297	75° 8.640
MD03-0036		38° 23.463	75° 4.614
MD03-0037	715	38° 24.419	75° 10.325
MD03-0038	216	38° 24.011	75° 8.058
MD03-0039	212	38° 23.885	75° 7.318
MD03-0040	223	38° 24.419	75° 10.745
MD03-0041		38° 23.641	75° 6.840
MD03-0042	202	38° 23.704	75° 7.732

Table 1. (Continued)

Site (This study)	Site (DNR, EMAP, MAIA)	Latitude	Longitude
MD03-0043		38° 23.280	75° 5.402
MD03-0044		38° 23.103	75° 4.973
MD03-0045	203	38° 23.516	75° 7.447
MD03-0046		38° 23.640	75° 8.340
MD03-0047	213	38° 23.408	75° 7.008
MD03-0048	504	38° 23.035	75° 5.225
MD03-0049		38° 23.099	75° 6.371
MD03-0050	204	38° 23.214	75° 7.135
MD03-0051		38° 22.681	75° 4.444
MD03-0052	206	38° 22.974	75° 7.073
MD03-0053		38° 22.806	75° 6.351
MD03-0054		38° 22.562	75° 4.969
MD03-0055		38° 22.559	75° 5.151
MD03-0056	226	38° 22.980	75° 7.625
MD03-0057		38° 22.680	75° 5.940
MD03-0058		38° 22.861	75° 7.623
MD03-0059	207	38° 22.677	75° 7.075
MD03-0060		38° 22.322	75° 5.706
MD03-0061		38° 22.258	75° 5.636
MD03-0062		38° 22.082	75° 5.217
MD03-0063	620	38° 22.433	75° 8.096
MD03-0064	201	38° 22.201	75° 7.565
MD03-0065	501	38° 22.017	75° 6.666
MD03-0066		38° 21.717	75° 5.520
MD03-0067		38° 21.842	75° 6.233
MD03-0068		38° 21.715	75° 6.476
MD03-0069		38° 21.836	75° 7.627
MD03-0070		38° 21.422	75° 5.898
MD03-0071		38° 21.343	75° 5.040
MD03-0072		38° 21.012	75° 4.908
MD03-0073	623	38° 21.304	75° 7.051
MD03-0074		38° 21.114	75° 7.799
MD03-0075		38° 20.720	75° 5.359
MD03-0076		38° 21.418	75° 9.844
MD03-0077		38° 20.580	75° 5.705
MD03-0078		38° 20.402	75° 5.882
MD03-0079		38° 20.221	75° 5.390
MD03-0080		38° 19.874	75° 5.701
MD03-0081	508	38° 17.972	75° 7.233
MD03-0082	301	38° 16.319	75° 10.620
MD03-0083		38° 15.784	75° 8.156
MD03-0084	313	38° 15.730	75° 11.171

Table 1. (Continued)

Site (This study)	Site (DNR, EMAP, MAIA)	Latitude	Longitude
MD03-0085		38° 15.061	75° 8.698
MD03-0086	314	38° 15.122	75° 11.876
MD03-0087		38° 14.883	75° 12.300
MD03-0088		38° 14.708	75° 12.125
MD03-0089		38° 14.699	75° 12.838
MD03-0090	509	38° 14.130	75° 9.513
MD03-0091	306	38° 14.344	75° 13.023
MD03-0092	305	38° 14.218	75° 12.235
MD03-0093		38° 14.163	75° 13.265
MD03-0094		38° 13.432	75° 9.209
MD03-0095	317	38° 13.915	75° 12.065
MD03-0096		38° 13.979	75° 12.602
MD03-0097	303	38° 13.912	75° 12.961
MD03-0098	304	38° 13.922	75° 13.679
MD03-0099	307	38° 13.560	75° 11.940
MD03-0100	521	38° 13.196	75° 10.253
MD03-0101		38° 13.259	75° 10.866
MD03-0102	312	38° 13.738	75° 13.869
MD03-0103		38° 13.446	75° 12.242
MD03-0104		38° 13.560	75° 13.140
MD03-0105	309	38° 13.560	75° 13.500
MD03-0106		38° 13.680	75° 14.340
MD03-0107	308	38° 13.382	75° 12.545
MD03-0108	310	38° 13.260	75° 13.200
MD03-0109		38° 13.020	75° 12.600
MD03-0110	319	38° 12.911	75° 12.244
MD03-0111	311	38° 13.140	75° 13.900
MD03-0112		38° 12.960	75° 13.380
MD03-0113		38° 12.661	75° 11.949
MD03-0114		38° 12.537	75° 11.041
MD03-0115		38° 12.422	75° 11.667
MD03-0116	323	38° 12.900	75° 14.100
MD03-0117	325	38° 12.600	75° 13.620
MD03-0118		38° 12.660	75° 13.900
MD03-0119		38° 12.360	75° 14.520
MD03-0120	523	38° 11.459	75° 11.462
MD03-0121		38° 10.740	75° 10.805
MD03-0122	515	38° 10.619	75° 13.445
MD03-0123	516	38° 10.144	75° 12.960
MD03-0124	510	38° 9.235	75° 13.554
MD03-0125	708	38° 7.559	75° 14.098
MD03-0126	537	38° 6.901	75° 16.445

Table 1. (Continued)

Site (This study)	Site (DNR, EMAP, MAIA)	Latitude	Longitude
MD03-0127	554	38° 6.658	75° 15.423
MD03-0128	555	38° 6.357	75° 13.861
MD03-0129	709	38° 4.979	75° 13.495
MD03-0130	712	38° 5.276	75° 17.283
MD03-0131	531	38° 4.739	75° 15.658
MD03-0132	543	38° 5.040	75° 19.326
MD03-0133	533	38° 4.196	75° 17.038
MD03-0134	530	38° 2.876	75° 15.855
MD03-0135	548	38° 3.407	75° 19.706
MD03-0136	540	38° 2.279	75° 18.237
MD03-0137		38° 0.961	75° 19.199
MD03-0138	710	38° 1.195	75° 20.937
MD03-0139		38° 0.293	75° 20.632
MD03-0140	MAIA-09	38° 0.300	75° 23.162
MD03-0141		37° 59.757	75° 23.036
MD03-0142		37° 58.326	75° 21.776
MD03-0143		37° 57.298	75° 22.979
MD03-0144		37° 57.602	75° 25.741
MD03-0145	MAIA-11	37° 55.693	75° 23.399
MD03-0146	MAIA-51	37° 54.055	75° 25.108
MD03-0147		37° 53.094	75° 21.184
MD03-0148	MAIA-50	37° 52.560	75° 22.739
MD03-0149	MAIA-35	38° 16.907	75° 8.091
MD03-0150	MAIA-34	38° 15.842	75° 8.467
MD03-0151	MAIA-32	38° 13.658	75° 10.513
MD03-0152	MAIA-31	38° 12.422	75° 10.619

Table 2. MAIA B-IBI metric values and index scores. Blanks indicate metrics not applicable to the salinity habitat in which the station was classified, or correspond to measures for which percentages cannot be calculated. Salinity class definition: Poly = polyhaline (>18 psu); HM = High Mesohaline (12-18 psu).

Site	Abundance (#/m ²)	Shannon -Wiener	No. Taxa	% Dominance (#/ 0.044 m ²)	% Pollution Indicative	% Pollution Sensitive	% Tany/ Chiron	% Bivalve Abundance	% Deep Feeding	Abun Score	Shan Score	Taxa score	Domi Score	Pollu-ind Score	Pollu-sen Score	Tany Score	Bival Score	Deep Score	MAIA Index	Salinity Class
MD03-0001	2818.2	3.47	20	39.52	0.00	60.48	.	0.00	43.55	5	5	5	.	.	.	.	1	.	4.0	Poly
MD03-0002	6340.9	3.22	26	53.05	3.23	35.84	.	1.79	33.33	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0003	3909.1	3.07	18	45.93	4.07	34.30	.	2.91	33.14	5	3	3	.	.	.	.	3	.	3.5	Poly
MD03-0004	12363.6	2.35	19	67.10	4.96	24.63	.	2.57	21.88	1	3	3	.	.	.	.	3	.	2.5	Poly
MD03-0005	7909.1	2.76	19	60.63	1.44	12.36	.	3.45	13.51	3	3	3	.	.	.	.	3	.	3.0	Poly
MD03-0006	2363.6	3.96	20	22.12	1.92	43.27	.	1.92	21.15	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0007	3977.3	3.54	21	42.29	0.57	50.86	.	1.14	42.29	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0008	1931.8	2.81	12	55.29	4.71	23.53	.	2.35	34.12	5	3	3	.	.	.	.	3	.	3.5	Poly
MD03-0009	90.9	1.50	3	75.00	0.00	75.00	.	0.00	75.00	1	1	1	.	.	.	.	1	.	1.0	Poly
MD03-0010	10272.7	2.78	28	63.94	1.99	78.98	.	0.88	70.80	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0011	6613.6	3.97	32	29.90	3.78	46.39	.	4.12	26.12	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0012	2840.9	3.98	23	32.80	1.60	35.20	.	2.40	22.40	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0013	2340.9	3.44	18	42.72	3.88	42.72	.	1.94	53.40	5	5	3	.	.	.	.	3	.	4.0	Poly
MD03-0014	2681.8	1.03	6	94.92	77.97	0.00	.	0.00	16.95	5	1	1	.	.	.	.	1	.	2.0	Poly
MD03-0015	4500.0	2.63	17	61.62	0.00	24.24	.	4.04	23.74	5	3	3	.	.	.	.	3	.	3.5	Poly
MD03-0016	4204.5	3.35	23	54.05	5.41	33.51	.	1.08	32.97	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0017	5090.9	2.46	21	65.63	2.23	79.02	.	3.13	67.41	5	3	5	.	.	.	.	3	.	4.0	Poly
MD03-0018	4136.4	3.80	27	41.21	9.34	57.69	.	2.75	39.01	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0019	5000.0	3.34	21	49.55	4.55	71.82	.	3.18	54.55	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0020	7136.3	3.33	29	49.68	3.18	67.52	.	5.41	55.41	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0021	5863.6	3.61	31	46.12	4.26	51.55	.	2.33	50.39	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0022	2113.6	3.22	18	53.76	3.23	67.74	.	8.60	41.94	5	5	3	.	.	.	.	5	.	4.5	Poly
MD03-0023	4590.9	3.02	25	59.41	7.43	47.52	.	0.99	49.50	5	3	5	.	.	.	.	3	.	4.0	Poly
MD03-0024	10454.5	3.37	25	46.74	13.26	11.52	.	0.00	9.35	1	5	5	.	.	.	.	1	.	3.0	Poly
MD03-0025	6681.8	2.75	27	63.61	4.08	65.65	.	1.36	66.33	3	3	5	.	.	.	.	3	.	3.5	Poly
MD03-0026	4613.6	2.79	23	64.53	6.40	67.49	.	0.49	62.07	5	3	5	.	.	.	.	3	.	4.0	Poly
MD03-0027	1954.5	3.26	15	43.02	12.79	25.58	.	6.98	33.72	5	5	3	.	.	.	.	3	.	4.0	Poly
MD03-0028	7431.8	3.58	29	44.95	4.28	47.71	.	7.03	33.94	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0029	1636.4	1.49	9	83.33	4.17	5.56	.	2.78	76.39	5	1	3	.	.	.	.	3	.	3.0	Poly
MD03-0030	1863.6	2.61	10	59.76	59.76	1.22	.	0.00	10.98	5	3	3	.	.	.	.	1	.	3.0	Poly

Table 2. (Continued)

Site	Abundance (#/m ²)	Shannon -Wiener	No. Taxa (#/0.044 m ²)	% Dominance	% Pollution Indicative	% Pollution Sensitive	% Tany/ Chiron	% Bivalve Abundance	% Deep Feeding	Abun Score	Shan Score	Taxa score	Domi Score	Pollu-ind Score	Poll-sen Score	Tany Score	Bival Score	Deep Score	MAIA Index	Salinity Class
MD03-0031	1954.5	2.26	11	67.44	12.79	2.33	.	3.49	61.63	5	3	3	.	.	.	.	3	.	3.5	Poly
MD03-0032	1727.3	1.72	6	82.89	6.58	1.32	.	7.89	57.89	5	1	1	.	.	.	.	5	.	3.0	Poly
MD03-0033	4386.3	3.46	22	43.52	4.15	39.38	.	9.33	41.45	5	5	5	.	.	.	.	5	.	5.0	Poly
MD03-0034	2613.6	3.41	19	40.87	31.30	15.65	.	6.96	36.52	5	5	3	.	.	.	.	3	.	4.0	Poly
MD03-0035	3295.4	3.42	17	34.48	17.24	26.90	.	2.76	44.14	5	5	3	.	.	.	.	3	.	4.0	Poly
MD03-0036	5181.8	3.90	25	31.58	11.84	40.79	.	2.63	29.82	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0037	863.6	1.82	6	73.68	10.53	0.00	.	0.00	63.16	3	1	1	.	.	.	.	1	.	1.5	Poly
MD03-0038	3954.5	3.04	16	52.87	4.60	36.78	.	9.20	32.76	5	3	3	.	.	.	.	5	.	4.0	Poly
MD03-0039	13409.0	3.40	34	52.37	1.19	57.46	.	1.86	56.27	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0040	181.8	1.55	4	75.00	12.50	12.50	.	0.00	12.50	1	1	1	.	.	.	.	1	.	1.0	Poly
MD03-0041	11340.9	3.63	35	46.29	3.41	58.12	.	1.00	63.93	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0042	4659.1	3.25	18	49.27	4.39	35.12	.	3.90	38.54	5	5	3	.	.	.	.	3	.	4.0	Poly
MD03-0043	2909.1	2.25	20	71.88	3.13	82.03	.	3.91	71.88	5	3	5	.	.	.	.	3	.	4.0	Poly
MD03-0044	4272.7	2.52	24	67.55	2.66	65.43	.	0.53	67.55	5	3	5	.	.	.	.	3	.	4.0	Poly
MD03-0045	2522.7	3.42	21	41.44	6.31	37.84	.	2.70	36.94	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0046	3477.3	0.17	4	98.69	98.69	0.00	.	0.00	0.00	5	1	1	.	.	.	.	1	.	2.0	Poly
MD03-0047	3454.5	3.55	25	44.08	1.97	59.21	.	1.32	68.42	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0048	1659.1	2.72	13	57.53	4.11	57.53	.	0.00	60.27	5	3	3	.	.	.	.	1	.	3.0	Poly
MD03-0049	4954.5	3.84	28	33.94	1.83	49.54	.	2.75	48.17	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0050	9204.5	2.73	26	60.99	1.23	54.07	.	0.25	56.05	1	3	5	.	.	.	.	1	.	2.5	Poly
MD03-0051	10818.1	3.67	34	44.75	6.72	38.66	.	4.41	53.15	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0052	6159.1	2.98	28	61.25	1.11	64.58	.	0.37	60.15	3	3	5	.	.	.	.	1	.	3.0	Poly
MD03-0053	6818.2	2.59	23	69.67	3.67	66.00	.	0.00	67.33	3	3	5	.	.	.	.	1	.	3.0	Poly
MD03-0054	1863.6	3.30	17	48.78	23.17	9.76	.	3.66	10.98	5	5	3	.	.	.	.	3	.	4.0	Poly
MD03-0055	1704.5	3.18	12	42.67	14.67	37.33	.	13.33	34.67	5	5	3	.	.	.	.	5	.	4.5	Poly
MD03-0056	2113.6	0.32	4	97.85	96.77	0.00	.	0.00	0.00	5	1	1	.	.	.	.	1	.	2.0	Poly
MD03-0057	2500.0	3.80	23	32.73	2.73	52.73	.	1.82	43.64	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0058	13181.8	2.58	29	73.62	37.93	41.72	.	1.55	44.48	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0059	6590.9	2.53	23	71.03	1.72	54.83	.	1.38	51.38	3	3	5	.	.	.	.	3	.	3.5	Poly
MD03-0060	4795.4	2.70	22	62.09	5.69	70.14	.	1.42	68.72	5	3	5	.	.	.	.	3	.	4.0	Poly
MD03-0061	6840.9	2.93	25	59.80	4.98	64.12	.	4.32	64.78	3	3	5	.	.	.	.	3	.	3.5	Poly
MD03-0062	1818.2	1.59	9	88.75	2.50	90.00	.	27.50	65.00	5	1	3	.	.	.	.	5	.	3.5	Poly

Table 2. (Continued)

Site	Abundance (#/m ²)	Shannon -Wiener	No. Taxa (#/0.044 m ²)	% Dominance	% Pollution Indicative	% Pollution Sensitive	% Tany/ Chiron	% Bivalve Abundance	% Deep Feeding	Abun Score	Shan Score	Taxa score	Domi Score	Pollu-ind Score	Poll-sen Score	Tany Score	Bival Score	Deep Score	MAIA Index	Salinity Class
MD03-0063	113.6	1.52	3	80.00	40.00	0.00	.	0.00	0.00	1	1	1	.	.	.	.	1	.	1.0	Poly
MD03-0064	4000.0	3.76	24	38.07	9.09	50.00	.	11.93	39.77	5	5	5	.	.	.	.	5	.	5.0	Poly
MD03-0065	8818.2	2.02	24	76.80	2.32	79.64	.	2.06	77.58	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0066	1090.9	3.26	14	47.92	6.25	33.33	.	31.25	6.25	3	5	3	.	.	.	.	5	.	4.0	Poly
MD03-0067	3795.4	1.85	7	79.04	45.51	1.20	.	13.17	36.53	5	1	3	.	.	.	.	5	.	3.5	Poly
MD03-0068	1590.9	2.08	10	71.43	10.00	71.43	.	12.86	62.86	5	3	3	.	.	.	.	5	.	4.0	Poly
MD03-0069	12159.1	3.54	28	43.55	11.21	39.63	.	0.00	45.98	1	5	5	.	.	.	.	1	.	3.0	Poly
MD03-0070	1159.1	3.01	11	50.98	0.00	52.94	.	23.53	50.98	3	3	3	.	.	.	.	5	.	3.5	Poly
MD03-0071	1840.9	2.89	12	51.85	0.00	45.68	.	11.11	49.38	5	3	3	.	.	.	.	5	.	4.0	Poly
MD03-0072	2136.4	2.12	7	71.28	39.36	11.70	.	0.00	58.51	5	3	3	.	.	.	.	1	.	3.0	Poly
MD03-0073	909.1	3.34	14	47.50	0.00	42.50	.	10.00	12.50	3	5	3	.	.	.	.	5	.	4.0	Poly
MD03-0074	4477.3	2.69	15	52.79	17.26	35.03	.	2.54	50.76	5	3	3	.	.	.	.	3	.	3.5	Poly
MD03-0075	409.1	1.39	5	83.33	0.00	5.56	.	5.56	0.00	1	1	1	.	.	.	.	3	.	1.5	Poly
MD03-0076	15931.8	1.21	8	95.01	67.33	0.43	.	0.00	2.43	1	1	3	.	.	.	.	1	.	1.5	Poly
MD03-0077	1340.9	3.15	14	49.15	1.69	40.68	.	33.90	10.17	3	5	3	.	.	.	.	5	.	4.0	Poly
MD03-0078	5704.5	2.16	18	76.89	5.18	65.34	.	3.59	84.46	3	3	3	.	.	.	.	3	.	3.0	Poly
MD03-0079	227.3	2.17	5	60.00	0.00	10.00	.	10.00	0.00	1	3	1	.	.	.	.	5	.	2.5	Poly
MD03-0080	931.8	3.06	13	53.66	0.00	34.15	.	31.71	34.15	3	3	3	.	.	.	.	5	.	3.5	Poly
MD03-0081	840.9	3.02	10	43.24	0.00	56.76	.	29.73	21.62	3	3	3	.	.	.	.	5	.	3.5	Poly
MD03-0082	568.2	2.26	8	72.00	48.00	4.00	.	0.00	4.00	1	3	3	3	.	3	.	.	.	2.6	HM
MD03-0083	11113.6	3.32	35	51.94	1.23	53.58	.	0.82	60.33	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0084	9818.2	1.48	11	87.73	68.75	20.14	.	0.00	19.68	1	1	3	.	.	.	.	1	.	1.5	Poly
MD03-0085	7863.6	4.18	42	38.15	0.29	44.22	.	4.34	39.88	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0086	17181.8	2.83	28	60.05	6.75	51.59	.	1.06	47.49	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0087	13545.4	3.21	32	53.19	1.85	27.18	.	0.50	19.63	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0088	10045.4	2.86	24	64.48	3.62	39.82	.	1.13	38.24	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0089	11636.3	2.89	29	64.65	1.95	26.56	.	1.37	25.98	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0090	8204.5	3.25	27	52.08	1.94	11.08	.	1.11	35.18	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0091	7659.1	3.62	30	49.55	1.78	50.15	.	0.59	52.23	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0092	11772.7	3.96	44	44.40	1.16	52.90	.	1.74	43.63	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0093	9340.9	3.58	34	50.61	4.38	37.96	.	0.00	35.52	1	5	5	.	.	.	.	1	.	3.0	Poly
MD03-0094	3795.4	3.49	20	43.11	4.79	15.57	.	6.59	13.17	5	5	5	.	.	.	.	3	.	4.5	Poly

Table 2. (Continued)

Site	Abundance (#/m ²)	Shannon -Wiener	No. Taxa (#/0.044 m ²)	% Dominance	% Pollution Indicative	% Pollution Sensitive	% Tany/ Chiron	% Bivalve Abundance	% Deep Feeding	Abun Score	Shan Score	Taxa score	Domi Score	Pollu-ind Score	Poll-sen Score	Tany Score	Bival Score	Deep Score	MAIA Index	Salinity Class
MD03-0095	10750.0	3.46	35	52.85	2.11	54.33	.	1.48	67.02	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0096	9977.2	3.58	34	50.11	2.05	57.86	.	1.14	62.41	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0097	5136.3	3.31	25	47.35	3.98	50.44	.	0.44	51.77	5	5	5	.	.	.	.	1	.	4.0	Poly
MD03-0098	10318.1	3.54	30	43.61	3.30	59.47	.	1.76	59.47	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0099	3409.1	4.16	31	30.00	0.67	46.67	.	3.33	49.33	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0100	12568.1	3.58	38	54.25	0.54	48.82	.	1.99	47.74	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0101	9409.1	3.35	36	53.62	0.97	63.29	.	4.11	58.70	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0102	9340.9	3.37	33	53.53	4.38	41.85	.	1.22	40.88	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0103	13227.2	3.42	32	52.58	2.41	60.65	.	1.20	67.35	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0104	8795.4	3.62	36	47.55	4.65	57.62	.	2.33	58.66	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0105	8159.1	3.46	33	49.58	4.18	55.15	.	1.95	57.66	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0106	5590.9	3.12	17	50.41	3.25	33.33	.	0.81	34.96	5	5	3	.	.	.	.	3	.	4.0	Poly
MD03-0107	14909.0	3.09	33	58.54	1.37	64.33	.	1.07	72.71	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0108	7363.6	3.45	31	37.35	2.78	64.20	.	1.23	74.69	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0109	20249.9	3.28	34	53.31	0.22	62.29	.	0.22	72.62	1	5	5	.	.	.	.	1	.	3.0	Poly
MD03-0110	12500.0	3.74	41	44.91	4.00	48.18	.	1.27	51.09	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0111	12159.1	3.47	30	48.22	6.17	59.07	.	0.93	63.18	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0112	7886.3	3.57	29	40.92	1.73	52.74	.	1.73	54.18	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0113	5454.5	3.45	32	51.67	0.00	67.08	.	0.83	52.92	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0114	8818.2	3.80	31	42.53	2.32	54.64	.	2.06	48.45	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0115	14340.9	3.99	47	44.37	0.16	56.74	.	2.69	47.07	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0116	11431.8	3.30	37	54.47	3.38	63.42	.	1.19	67.20	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0117	7181.8	3.50	23	40.51	1.27	42.41	.	0.95	52.22	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0118	10045.4	3.18	31	56.79	2.04	66.97	.	0.23	73.08	1	5	5	.	.	.	.	1	.	3.0	Poly
MD03-0119	9954.5	3.38	36	56.16	4.57	61.42	.	2.74	66.44	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0120	13590.9	2.46	35	73.58	0.50	21.74	.	2.01	17.22	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0121	19136.3	2.78	24	60.57	34.20	27.32	.	0.00	29.33	1	3	5	.	.	.	.	1	.	2.5	Poly
MD03-0122	1522.7	3.56	18	38.81	1.49	58.21	.	14.93	56.72	5	5	3	.	.	.	.	5	.	4.5	Poly
MD03-0123	2590.9	3.67	24	40.35	0.00	33.33	.	4.39	25.44	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0124	9522.7	2.89	30	62.05	2.63	69.45	.	1.19	73.51	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0125	6000.0	2.66	24	69.70	0.76	67.42	.	2.27	51.89	3	3	5	.	.	.	.	3	.	3.5	Poly
MD03-0126	7977.2	2.94	26	57.83	7.98	63.25	.	1.42	68.09	3	3	5	.	.	.	.	3	.	3.5	Poly

Table 2. (Continued)

Site	Abundance (#/m ²)	Shannon -Wiener	No. Taxa (#/0.044 m ²)	% Dominance	% Pollution Indicative	% Pollution Sensitive	% Tany/ Chiron	% Bivalve Abundance	% Deep Feeding	Abun Score	Shan Score	Taxa score	Domi Score	Pollu-ind Score	Poll-sen Score	Tany Score	Bival Score	Deep Score	MAIA Index	Salinity Class
MD03-0127	10090.9	3.00	30	57.66	2.48	69.14	.	0.45	70.27	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0128	7590.9	3.33	35	58.08	1.80	65.27	.	2.40	50.30	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0129	9500.0	2.12	24	79.67	0.00	28.23	.	0.24	26.79	1	3	5	.	.	.	.	1	.	2.5	Poly
MD03-0130	8227.2	2.83	25	62.15	6.08	71.55	.	1.66	66.85	3	3	5	.	.	.	.	3	.	3.5	Poly
MD03-0131	7000.0	3.27	27	52.27	4.22	66.88	.	5.52	45.78	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0132	6090.9	3.85	29	42.16	4.10	48.13	.	4.10	44.03	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0133	6772.7	2.78	23	59.73	7.05	70.81	.	3.02	67.45	3	3	5	.	.	.	.	3	.	3.5	Poly
MD03-0134	22499.9	4.02	50	34.85	5.05	26.77	.	5.35	23.03	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0135	7750.0	3.63	37	49.85	7.33	63.34	.	7.62	46.04	3	5	5	.	.	.	.	5	.	4.5	Poly
MD03-0136	9159.1	2.30	30	72.70	1.24	84.37	.	3.97	75.68	1	3	5	.	.	.	.	3	.	3.0	Poly
MD03-0137	11772.7	3.54	34	47.30	0.97	62.16	.	7.34	45.56	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0138	2977.3	3.12	20	54.96	2.29	65.65	.	7.63	52.67	5	5	5	.	.	.	.	5	.	5.0	Poly
MD03-0139	11181.8	3.32	34	50.20	0.00	47.97	.	1.42	48.98	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0140	12818.1	3.30	33	53.19	0.35	43.62	.	18.62	43.26	1	5	5	.	.	.	.	5	.	4.0	Poly
MD03-0141	5818.2	3.01	27	64.06	0.78	55.47	.	3.13	53.91	3	3	5	.	.	.	.	3	.	3.5	Poly
MD03-0142	9136.3	3.17	25	57.46	0.00	41.04	.	0.75	48.76	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0143	5704.5	3.99	35	37.05	5.58	20.72	.	3.59	23.51	5	5	5	.	.	.	.	3	.	4.5	Poly
MD03-0144	7181.8	3.37	21	39.87	0.95	30.06	.	0.00	45.89	3	5	5	.	.	.	.	1	.	3.5	Poly
MD03-0145	4613.6	3.85	27	38.92	26.11	33.50	.	19.70	10.34	5	5	5	.	.	.	.	5	.	5.0	Poly
MD03-0146	2340.9	2.93	16	53.40	0.00	56.31	.	36.89	22.33	5	3	3	.	.	.	.	5	.	4.0	Poly
MD03-0147	3818.2	3.54	23	49.40	20.83	20.24	.	41.07	11.31	5	5	5	.	.	.	.	5	.	5.0	Poly
MD03-0148	10022.7	3.18	32	59.18	37.64	36.96	.	8.62	30.39	1	5	5	.	.	.	.	5	.	4.0	Poly
MD03-0149	1363.6	3.31	15	40.00	3.33	11.67	.	3.33	10.00	3	5	3	.	.	.	.	3	.	3.5	Poly
MD03-0150	16772.7	3.40	45	52.03	0.81	36.04	.	1.22	44.58	1	5	5	.	.	.	.	3	.	3.5	Poly
MD03-0151	6613.6	4.08	38	39.18	0.69	47.77	.	6.87	36.77	3	5	5	.	.	.	.	3	.	4.0	Poly
MD03-0152	5090.9	3.77	31	44.64	1.34	51.34	.	5.36	37.05	5	5	5	.	.	.	.	3	.	4.5	Poly

Table 3. Site specific water quality measurements and sediment composition

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0001		08/06/2003	13:03	3.03	0.5	26.10	7.90	7.30	24.24
					1.0	26.09	7.90	7.31	24.24
MD03-0002	506	08/06/2003	12:38	73.98	0.5	25.98	7.87	7.09	24.10
					1.6	25.68	7.81	6.37	24.15
MD03-0003	505	08/06/2003	12:14	74.69	0.5	25.86	7.86	6.75	24.26
					1.6	25.79	7.84	6.86	24.24
MD03-0004		08/20/2003	15:22	78.06	0.5	29.80	8.31	9.64	23.66
MD03-0005		08/20/2003	14:55	75.55	0.5	29.23	8.30	9.91	24.04
					0.9	29.25	8.30	10.07	24.04
MD03-0006		08/06/2003	13:59	2.10	0.5	27.10	8.04	8.49	25.21
					0.9	27.10	8.05	8.51	25.21
MD03-0007	553	08/06/2003	13:36	5.30	0.5	26.71	7.98	7.82	25.11
					1.3	26.66	7.99	7.84	25.18
MD03-0008		08/08/2003	10:37	79.46	0.5	26.46	8.29	9.75	20.14
					1.0	25.42	7.63	5.19	24.05
MD03-0009		08/08/2003	8:42	94.67	0.5	25.02	7.85	6.31	26.02
					1.0	25.06	7.87	6.11	26.61
					2.0	25.06	7.85	5.82	26.93
					3.0	25.01	7.82	5.45	27.05
					4.0	24.90	7.79	5.40	27.09
					5.0	24.84	7.78	5.33	27.12
					6.0	24.78	7.76	5.26	27.17
MD03-0010		08/08/2003	8:18	21.47	0.5	24.97	7.87	6.27	25.81
					1.9	24.87	7.80	5.35	26.81
MD03-0011	507	08/08/2003	10:17	20.30	0.5	25.63	7.94	7.30	24.08
					1.2	24.93	7.75	4.99	25.89
MD03-0012		08/06/2003	11:56	2.75	0.5	25.74	7.87	7.23	25.55
					0.8	25.74	7.87	7.26	25.55
MD03-0013		08/08/2003	9:37	93.31	0.5	25.41	7.94	7.08	24.59
					1.5	24.97	7.73	4.73	26.50
MD03-0014		08/20/2003	14:15	94.95	0.5	31.91	8.45	11.33	19.66
MD03-0015		08/08/2003	9:56	87.95	0.5	25.51	7.86	6.84	25.09
					1.5	25.08	7.71	4.60	26.55
MD03-0016		08/08/2003	9:21	80.29	0.5	25.31	7.85	6.50	25.53
					1.7	24.80	7.73	4.91	26.94
MD03-0017		08/06/2003	11:36	5.05	0.5	25.10	7.92	7.00	27.28
					1.4	25.10	7.92	6.97	27.28
MD03-0018	549	08/08/2003	7:59	3.63	0.5	24.49	7.81	5.92	27.62
					1.2	24.47	7.81	5.83	27.66
MD03-0019		08/08/2003	7:38	4.46	0.5	24.44	7.86	6.30	27.32
					1.3	24.55	7.83	5.69	27.94

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0020	550	08/06/2003	11:15	14.08	0.5	25.19	7.93	6.91	27.27
					1.5	25.17	7.93	6.90	27.27
MD03-0021		08/20/2003	13:36	46.37	0.5	28.78	8.11	8.86	24.99
					1.2	28.71	8.07	8.48	25.01
MD03-0022		08/06/2003	10:51	3.17	0.5	24.77	7.89	6.62	27.83
					1.1	24.75	7.90	6.63	27.84
MD03-0023		08/06/2003	10:29	83.00	0.5	25.44	7.83	6.30	26.35
					1.6	25.40	7.82	6.08	26.41
MD03-0024		08/08/2003	7:17	5.76	0.5	24.00	7.72	5.76	28.51
					1.0	24.00	7.72	5.79	28.52
MD03-0025	503	08/06/2003	10:10	88.61	0.5	25.22	7.85	6.16	26.96
					1.0	25.22	7.85	6.08	26.97
					2.0	25.20	7.83	6.04	26.98
					2.3	25.20	7.84	6.10	26.98
MD03-0026	VA92-495	08/06/2003	9:42	68.94	0.5	25.18	7.79	5.77	26.83
					1.0	25.17	7.80	5.61	26.84
					2.0	25.04	7.78	5.51	26.96
					2.4	25.01	7.77	5.48	26.98
MD03-0027		08/20/2003	12:23	61.79	0.5	28.64	7.23	5.94	24.77
MD03-0028		08/06/2003	9:21	23.46	0.5	25.03	7.72	5.58	26.25
					1.5	25.01	7.71	5.48	26.24
MD03-0029	221	08/04/2003	13:57	69.45	0.5	28.98	8.00	6.87	19.71
					1.4	28.99	8.01	6.58	19.72
MD03-0030		08/04/2003	15:39	59.25	0.5	29.69	8.15	7.55	17.99
					0.9	29.39	7.95	5.84	18.44
MD03-0031	219	08/04/2003	12:53	79.18	0.5	28.70	7.92	6.46	21.74
					1.5	28.56	7.86	5.99	21.77
MD03-0032		08/04/2003	13:13	73.29	0.5	29.03	7.98	7.00	22.52
					1.5	29.10	7.97	6.98	22.65
MD03-0033		08/07/2003	14:21	88.71	0.5	26.53	8.05	8.04	22.91
					1.3	26.52	8.03	7.81	22.92
MD03-0034	215	08/04/2003	16:39	81.57	0.5	28.22	8.05	7.90	24.53
					1.7	28.16	8.04	7.64	24.60
MD03-0035		08/04/2003	16:16	76.63	0.5	28.41	8.04	7.88	23.89
					1.7	28.41	8.03	7.68	23.98
MD03-0036		08/07/2003	13:33	5.95	0.5	24.95	7.92	6.82	28.70
					1.1	24.95	7.91	6.85	28.72
MD03-0037	715	08/04/2003	14:30	75.87	0.5	29.25	7.95	6.31	20.58
					1.3	29.22	7.92	5.92	20.78
MD03-0038	216	08/07/2003	14:00	87.89	0.5	26.61	8.01	7.47	23.35
					1.5	26.65	7.63	4.15	25.22

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0039	212	08/07/2003	8:11	71.45	0.5	26.22	7.79	5.62	25.22
					1.7	26.37	7.70	4.76	26.28
MD03-0040	223	08/04/2003	15:10	73.31	0.5	29.56	8.10	7.13	19.49
					1.2	29.37	7.97	6.46	19.68
MD03-0041		08/07/2003	8:56	25.20	0.5	26.07	7.73	4.52	26.31
					1.3	26.04	7.63	3.65	26.38
MD03-0042	202	08/07/2003	7:53	85.09	0.5	26.34	7.74	5.81	24.55
					1.8	26.51	7.62	4.96	26.14
MD03-0043		08/06/2003	9:01	7.74	0.5	24.48	7.85	6.35	27.28
					1.6	24.39	7.83	6.12	27.35
MD03-0044		08/06/2003	8:37	3.20	0.5	23.03	7.78	5.73	29.05
					1.0	23.03	7.79	5.74	29.04
MD03-0045	203	08/07/2003	8:32	92.36	0.5	26.22	7.77	5.69	25.10
					1.8	26.35	7.70	4.83	26.42
MD03-0046		08/07/2003	14:45	85.34	0.5	27.08	7.91	7.02	24.01
					1.5	27.19	7.57	4.20	24.89
MD03-0047	213	08/07/2003	9:16	49.40	0.5	25.92	7.81	5.97	25.87
					1.9	25.94	7.76	5.32	26.40
MD03-0048	504	08/06/2003	8:17	4.40	0.5	23.20	7.81	5.98	28.76
					1.3	23.20	7.81	6.01	28.77
MD03-0049		08/07/2003	11:48	26.67	0.5	25.59	7.93	7.31	26.66
					1.6	25.40	7.85	7.01	26.95
MD03-0050	204	08/07/2003	9:37	91.57	0.5	26.16	7.80	5.94	25.72
					1.9	25.99	7.72	4.95	26.72
MD03-0051		08/07/2003	12:42	8.78	0.5	24.57	7.86	5.92	29.04
					1.3	24.49	7.84	5.81	29.05
MD03-0052	206	08/07/2003	9:55	86.71	0.5	26.00	7.79	5.97	26.28
					1.8	25.34	7.67	4.63	27.26
MD03-0053		08/07/2003	11:26	88.00	0.5	25.53	7.90	7.18	26.65
					1.8	22.00	7.50	3.59	29.69
MD03-0054		08/06/2003	8:00	4.64	0.5	23.26	7.83	6.51	28.05
					1.3	23.19	7.82	6.47	28.29
MD03-0055		08/06/2003	7:40	4.84	0.5	23.37	7.76	6.06	28.09
					1.3	23.24	7.69	5.86	28.25
MD03-0056	226	08/07/2003	10:18	21.84	0.5	26.49	7.74	5.83	26.30
					1.0	26.30	7.76	5.49	26.37
					2.0	25.25	7.65	4.48	27.70
					2.4	24.73	7.63	4.41	28.04
MD03-0057		08/07/2003	12:06	76.14	0.5	25.55	7.86	6.52	27.05
					1.8	21.99	7.55	4.25	29.49
MD03-0058		08/07/2003	10:41	12.78	0.5	25.93	7.76	5.39	26.83
					1.5	25.00	7.61	3.94	27.80

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0059	207	08/07/2003	11:06	75.30	0.5	26.20	7.81	6.19	26.21
					1.6	24.88	7.79	5.88	27.56
MD03-0060		08/05/2003	10:07	47.01	0.5	25.62	7.84	5.96	27.31
					1.0	25.65	7.84	5.67	27.29
MD03-0061		08/05/2003	10:28	41.61	2.0	25.11	7.74	4.81	27.67
					0.5	25.53	7.85	6.09	27.35
MD03-0062		08/05/2003	10:52	4.57	1.0	25.50	7.85	5.64	27.36
					2.0	24.37	7.73	4.69	28.24
MD03-0063	620	08/05/2003	16:09	72.08	0.5	24.53	7.92	6.92	28.11
					1.1	23.82	7.86	6.30	28.69
MD03-0064	201	08/05/2003	8:36	21.12	0.5	27.28	7.99	7.46	26.50
					1.0	26.88	7.62	3.58	27.25
MD03-0065	501	08/05/2003	9:04	12.66	0.5	25.78	7.71	4.82	27.41
					1.0	25.80	7.66	4.24	27.52
MD03-0066		08/05/2003	11:17	3.00	0.5	26.31	7.90	6.50	26.90
					1.1	25.08	7.76	4.94	28.02
MD03-0067		08/05/2003	15:40	2.89	0.5	24.65	7.87	6.73	27.89
					1.1	24.65	7.88	6.69	27.89
MD03-0068		08/05/2003	9:30	3.55	0.5	26.18	7.68	6.11	27.17
					0.8	25.90	7.84	6.10	27.18
MD03-0069		08/05/2003	7:52	37.38	0.5	26.19	7.68	4.60	26.72
					0.7	26.18	7.67	4.67	26.75
MD03-0070		08/05/2003	14:14	4.71	0.5	15.81	7.78	7.74	31.14
					1.2	15.83	7.79	7.78	31.13
MD03-0071		08/05/2003	11:50	2.38	0.5	23.42	7.88	6.98	28.58
					0.6	23.43	7.88	6.95	28.58
MD03-0072		08/05/2003	12:21	80.06	0.5	22.26	7.86	6.83	29.08
					1.3	19.23	7.85	7.00	30.78
MD03-0073	623	08/05/2003	14:52	23.48	0.5	26.61	7.86	5.72	28.71
					1.0	26.45	7.80	5.41	28.77
MD03-0074		08/08/2003	11:23	90.62	0.5	26.48	7.86	7.16	25.35
					0.8	26.08	7.78	6.87	25.38
MD03-0075		08/05/2003	13:09	1.78	0.5	15.68	7.75	7.61	31.17
					1.0	15.68	7.75	7.60	31.17
					2.0	15.69	7.75	7.60	31.16
					3.0	15.72	7.77	7.64	31.15
					4.0	15.74	7.78	7.66	31.15
MD03-0076		08/08/2003	11:59	77.09	0.5	28.49	8.01	8.27	22.93
MD03-0077		08/20/2003	16:30	4.02	0.5	23.15	7.98	8.78	30.30
					1.1	23.15	7.99	8.85	30.30

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0078		08/20/2003	16:57	10.15	0.5	23.40	8.00	8.80	30.26
					0.8	23.40	8.00	8.83	30.27
MD03-0079		08/05/2003	13:46	2.45	0.5	14.80	7.78	7.66	31.39
					1.9	14.81	7.78	7.70	31.37
MD03-0080		08/11/2003	14:23	1.10	0.5	21.59	7.88	7.96	29.59
					1.0	21.51	7.88	7.99	29.61
					2.0	21.51	7.88	8.00	29.63
					3.0	21.25	7.88	8.06	29.75
					4.0	21.14	7.89	8.10	29.81
					4.5	20.95	7.89	8.17	29.93
					0.5	24.86	7.89	6.68	26.52
					0.8	24.85	7.89	6.71	26.52
MD03-0082	301	08/19/2003	12:04	75.89	0.5	28.62	8.24	8.18	16.25
					0.9	27.69	8.16	7.22	17.95
MD03-0083		08/11/2003	13:03	34.87	0.5	24.98	7.97	6.56	26.70
					1.0	24.97	7.97	6.53	26.70
					2.0	24.96	7.97	6.51	26.69
					0.5	27.08	8.13	7.02	19.81
MD03-0084	313	08/19/2003	11:13	93.17	1.0	26.99	8.13	6.82	19.83
					2.3	26.76	7.96	5.35	21.30
					0.5	24.81	7.93	6.19	26.83
MD03-0085		08/11/2003	12:18	31.10	1.5	24.80	7.93	6.13	26.84
					0.5	31.29	8.33	9.84	22.00
MD03-0086	314	08/15/2003	14:13	93.12	1.3	28.17	7.93	5.81	24.43
					0.5	31.47	8.30	9.66	22.20
MD03-0087		08/15/2003	13:41	90.13	1.4	27.79	7.75	4.33	24.51
					0.5	29.92	8.22	8.69	23.85
MD03-0088		08/15/2003	13:56	96.18	1.5	27.66	7.83	4.82	25.01
					0.5	30.76	8.27	9.43	22.63
MD03-0089		08/15/2003	13:22	96.64	1.5	27.54	7.81	4.51	25.06
					0.5	25.67	8.12	8.03	26.75
MD03-0090	509	08/11/2003	15:20	68.16	1.0	25.68	8.11	8.02	26.75
					0.5	29.40	8.25	7.42	22.89
MD03-0091	306	08/14/2003	14:03	92.59	1.0	26.69	7.93	5.00	25.74
					0.5	28.17	7.99	6.21	25.38
MD03-0092	305	08/15/2003	13:07	25.42	1.3	27.77	7.95	5.70	25.65
					0.5	29.42	8.20	7.54	23.23
MD03-0093		08/14/2003	13:42	91.28	1.5	26.68	7.93	4.69	25.84
					0.5	27.22	7.99	4.86	27.42
MD03-0094		08/20/2003	9:21	1.62	0.5	29.28	8.14	7.96	25.32
					0.5	27.65	7.95	5.84	25.79

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0096		08/15/2003	12:34	46.88	0.5	29.33	8.18	8.53	25.12
					1.8	27.53	7.85	4.50	26.07
MD03-0097	303	08/15/2003	12:50	94.68	0.5	29.91	8.22	9.13	24.42
					1.0	29.58	8.22	8.67	24.42
					2.0	27.12	7.79	3.95	26.04
MD03-0098	304	08/14/2003	13:25	19.71	0.5	29.88	8.17	7.47	23.63
					1.0	26.65	7.82	4.53	25.45
MD03-0099	307	08/15/2003	12:06	24.73	0.5	28.58	8.11	7.80	25.32
					1.5	27.54	7.83	4.81	25.40
MD03-0100	521	08/11/2003	16:22	20.02	0.5	25.24	8.07	7.72	26.68
					1.6	25.22	8.07	7.67	26.69
MD03-0101		08/11/2003	16:04	25.02	0.5	25.69	8.12	7.52	26.44
					1.9	25.68	8.12	7.51	26.44
MD03-0102	312	08/14/2003	13:06	88.84	0.5	29.87	8.15	8.56	23.99
					1.5	26.59	7.83	4.80	25.77
MD03-0103		08/15/2003	11:30	85.99	0.5	29.75	8.14	8.29	25.39
					1.0	29.12	8.15	7.72	25.27
					2.0	27.53	7.96	5.66	25.86
MD03-0104		08/14/2003	12:03	88.06	0.5	27.75	8.14	7.22	24.10
					1.5	26.62	7.95	4.89	26.06
MD03-0105	309	08/14/2003	12:20	84.18	0.5	28.56	8.12	7.08	23.83
					1.5	26.61	7.93	4.58	25.95
MD03-0106		08/14/2003	12:39	97.17	0.5	30.34	8.06	5.96	23.51
					1.0	26.47	7.67	3.03	25.52
MD03-0107	308	08/15/2003	11:47	80.66	0.5	28.86	8.18	8.36	24.93
					1.0	27.81	8.18	7.74	24.86
					2.0	27.38	7.86	4.56	26.10
MD03-0108	310	08/14/2003	11:39	83.27	0.5	27.69	8.11	7.93	24.37
					1.5	26.56	7.95	5.56	26.04
MD03-0109		08/14/2003	11:18	43.40	0.5	28.00	8.13	7.05	24.59
					1.5	27.02	8.05	5.90	26.35
MD03-0110	319	08/15/2003	11:11	66.40	0.5	29.26	8.12	7.76	25.61
					1.7	28.50	8.07	7.46	26.08
MD03-0111	311	08/14/2003	10:34	69.65	0.5	27.44	8.07	6.50	24.52
					1.5	26.42	7.83	4.67	25.79
MD03-0112		08/14/2003	10:58	55.13	0.5	27.91	8.12	7.12	24.20
					1.5	26.44	7.97	5.27	25.88
					0.5	27.99	7.99	6.40	26.31
MD03-0113		08/15/2003	10:56	8.04	1.2	27.86	7.96	6.30	26.41
					0.5	28.50	8.05	6.88	26.87
MD03-0114		08/15/2003	10:15	18.12	1.0	28.14	8.02	6.47	26.89
					2.0	27.95	8.02	6.37	26.91

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0115		08/15/2003	9:57	18.30	0.5	27.49	7.83	5.31	26.53
					1.2	27.46	7.82	5.35	26.54
MD03-0116	323	08/14/2003	10:25	59.40	0.5	27.37	8.04	6.49	24.64
					1.5	26.28	7.80	3.72	25.54
MD03-0117	325	08/14/2003	10:00	57.70	0.5	27.44	8.07	7.57	24.48
					1.5	26.38	7.98	5.58	25.89
MD03-0118		08/14/2003	10:10	65.33	0.5	27.01	8.02	6.58	24.59
					1.0	26.31	7.90	5.65	25.60
MD03-0119		08/14/2003	9:46	65.61	0.5	27.09	8.00	5.83	24.56
					1.0	26.28	7.63	3.55	25.43
MD03-0120	523	08/13/2003	14:28	14.06	0.5	27.17	8.15	7.96	27.44
					1.5	27.17	8.15	8.00	27.43
MD03-0121		08/20/2003	10:11	15.96	0.5	27.26	8.14	6.59	27.57
MD03-0122	515	08/13/2003	14:53	28.47	0.5	26.86	8.19	8.44	26.01
					1.8	26.74	8.16	8.02	26.05
MD03-0123	516	08/13/2003	14:02	3.78	0.5	26.85	8.18	7.88	26.74
					1.3	26.84	8.17	7.92	26.74
MD03-0124	510	08/13/2003	8:49	37.12	0.5	25.92	8.01	7.07	26.44
					1.0	25.92	8.00	6.69	26.44
					2.3	25.97	7.90	5.87	26.88
MD03-0125	708	08/13/2003	9:14	9.35	0.5	25.61	8.04	6.97	27.07
					1.8	25.54	8.00	6.76	27.13
MD03-0126	537	08/13/2003	10:15	87.27	0.5	26.03	8.05	7.13	27.90
					1.0	26.00	8.05	7.08	27.90
					2.2	25.86	8.05	6.96	27.92
MD03-0127	554	08/13/2003	9:55	48.45	0.5	25.91	8.02	7.18	27.44
					1.0	25.87	8.02	6.85	27.45
					2.3	25.73	7.91	5.51	27.61
MD03-0128	555	08/13/2003	9:34	7.75	0.5	25.59	8.06	7.26	27.34
					1.0	25.58	8.05	7.08	27.35
					2.0	25.54	8.06	7.07	27.53
MD03-0129	709	08/13/2003	13:30	14.11	0.5	26.31	8.23	7.43	29.07
					1.5	25.87	8.25	7.23	28.98
MD03-0130	712	08/13/2003	10:38	81.16	0.5	26.17	7.99	6.64	29.69
					1.0	26.13	7.99	6.65	29.67
					2.0	26.15	7.99	6.74	29.70
MD03-0131	531	08/13/2003	13:09	7.90	0.5	26.76	8.13	7.71	29.37
					1.6	26.66	8.12	7.75	29.37
MD03-0132	543	08/13/2003	11:22	87.41	0.5	26.59	7.91	6.53	29.05
					1.3	26.57	7.91	6.66	29.05

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0133	533	08/13/2003	10:58	58.25	0.5	26.13	8.03	7.10	29.91
					1.0	26.12	8.03	7.10	29.91
					2.2	26.09	8.03	7.12	29.91
MD03-0134	530	08/13/2003	12:44	10.10	0.5	26.76	8.16	7.44	29.94
					1.8	26.43	8.15	7.43	29.90
MD03-0135	548	08/13/2003	11:45	12.84	0.5	26.53	7.89	6.65	29.37
					1.2	26.41	7.88	6.69	29.35
MD03-0136	540	08/13/2003	12:05	80.70	0.5	26.42	8.03	6.90	30.26
					1.0	26.41	8.03	7.01	30.28
					2.2	26.31	8.04	7.20	30.26
					0.5	26.46	8.06	7.50	30.30
MD03-0137		08/12/2003	16:02	22.16	1.9	26.47	8.07	7.57	30.29
					0.5	25.18	7.74	6.38	30.41
MD03-0138	710	08/12/2003	8:53	79.73	1.0	25.18	7.73	6.37	30.41
					2.2	25.17	7.72	6.37	30.40
					0.5	25.06	7.89	6.10	30.40
MD03-0139		08/12/2003	9:10	67.72	1.0	25.06	7.88	6.10	30.40
					2.2	25.04	7.88	6.15	30.40
					0.5	25.08	7.82	6.59	28.57
MD03-0140	MAIA-09	08/12/2003	9:37	39.36	1.5	25.06	7.83	6.62	28.57
					0.5	24.90	7.82	6.83	30.28
					1.0	24.90	7.82	6.83	30.28
MD03-0141		08/12/2003	9:59	68.15	2.2	24.88	7.82	6.82	30.29
					0.5	24.51	7.69	6.32	30.82
					1.0	24.38	7.69	6.25	30.83
MD03-0142		08/12/2003	11:24	57.38	2.0	24.02	7.68	6.23	30.82
					0.5	22.52	7.73	6.68	30.90
					1.0	22.42	7.74	6.67	30.91
MD03-0143		08/12/2003	10:59	27.89	2.0	22.30	7.74	6.70	30.90
					0.5	22.99	7.73	6.48	30.74
					1.6	22.96	7.72	6.49	30.74
MD03-0144		08/12/2003	10:30	78.70	0.5	21.63	7.75	6.84	30.94
					1.3	21.58	7.76	6.88	30.94
MD03-0145	MAIA-11	08/12/2003	12:06	9.12	0.5	23.15	7.88	8.30	30.90
					1.5	23.10	7.88	8.35	30.91
MD03-0146	MAIA-51	08/12/2003	14:06	5.79	0.5	25.04	7.77	7.85	30.59
					0.8	25.00	7.80	8.29	30.62
MD03-0147		08/12/2003	13:22	3.24	0.5	23.66	7.88	7.97	30.80
					0.7	23.65	7.87	8.02	30.79
MD03-0148	MAIA-50	08/12/2003	12:58	8.46	0.5	25.11	7.98	6.96	26.48
					0.7	25.10	7.98	6.98	26.48

Table 3. (Continued)

Site	DNR Site	Sampling		Silt-Clay (%)	Depth (m)	Temp (°C)	pH	DO Conc (mg/L)	Salinity (psu)
		Date	Time (hh:mm)						
MD03-0150	MAIA-34	08/11/2003	12:41	44.58	0.5	25.06	7.92	6.47	26.48
					1.0	25.05	7.92	6.47	26.48
					2.0	25.04	7.92	6.44	26.48
					2.4	25.03	7.91	6.45	26.48
MD03-0151	MAIA-32	08/11/2003	15:46	12.73	0.5	25.70	8.07	7.81	26.20
					1.3	25.70	8.08	7.77	26.20
MD03-0152	MAIA-31	08/15/2003	10:35	4.46	0.5	28.62	8.12	7.51	27.08
					1.1	28.62	8.12	7.52	27.08

4.0 REFERENCES

- Buchanan, J.B. 1984. Sediment analysis. Pages 41-65. In: N. A. Holme and A. D. McIntyre, eds. Methods for Study of Marine Benthos. IBP Handbook No. 16. 2nd Edition. Blackwell Scientific Publications. Oxford, England.
- Llansó, R.J., L.C. Scott, J.L. Hyland, D.M. Dauer, D.E. Russell, and F.W. Kutz. 2002. An estuarine benthic index of biotic integrity for the mid-Atlantic region of the United States. II. Index development. *Estuaries* 25:1231-1242
- Pearson, T.H. and R. Rosenberg. 1978. Macrobenthic succession in relation to organic enrichment and pollution of the marine environment. *Oceanography and Marine Biology Annual Review* 16:229-311.
- Plumb, R.H. 1981. Procedures for handling and chemical analysis of sediment and water samples. Prepared for the U. S. Environmental Protection Agency/Corps of Engineers Technical Committee of Criteria for Dredge and Fill Material. Published by Environmental Laboratory, U. S. Army Waterways Experiment Station, Vicksburg, Mississippi. Technical Report EPA/CE-81-1.
- Ranasinghe, J.A., S.B. Weisberg, D.M. Dauer, L.C. Schaffner, R.J. Diaz, and J.B. Frithsen. 1994. Chesapeake Bay Benthic Community Restoration Goals. Prepared for the U.S. EPA Chesapeake Bay Program Office, the Governor's Council on Chesapeake Bay Research Fund, and the Maryland Department of Natural Resources by Versar, Inc., Columbia, Maryland.
- Strickland, J.D.H. and T.R. Parsons. 1972. A Practical Handbook of Seawater Analysis. *Bulletin of the Fisheries Research Board of Canada*. 310 pp.
- Weisberg, S.B., J.A. Ranasinghe, D.M. Dauer, L.C. Schaffner, R.J. Diaz, and J.B. Frithsen. 1997. An estuarine benthic index of biotic integrity (B-IBI) for Chesapeake Bay. *Estuaries* 20:149-158.

**APPENDIX
SPECIES ABUNDANCES**

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

TAXA	Count	Abundance (#/m2)
STATION : MD03-0001		
Annelida : Polychaeta		
Clymenella torquata	21	477
Drilonereis longa	1	23
Euclymene zonalis	2	45
Glycinde solitaria	23	523
Leitoscoloplos robustus	5	114
Mediomastus ambiseta	16	364
Mediomastus spp. *	10	227
Pista palmata	1	23
Podarkeopsis levifuscina	5	114
Scolelepis texana	1	23
Sphaerosyllis brevidentata	10	227
Tharyx sp. A Morris	7	159
Arthropoda : Amphipoda		
Americhelidium americanum	2	45
Ampelisca abdita	6	136
Ampelisca verrilli	1	23
Erichthionius brasiliensis (Epi.)	4	91
Listriella barnardi	5	114
Arthropoda : Cumacea		
Oxyurostylis smithi	2	45
Arthropoda : Isopoda		
Edotea triloba (Epi.)	1	23
Echinodermata : Holothuroidea		
Leptosynapta tenuis	1	23
Mollusca : Gastropoda		
Rictaxis punctostriatus	2	45
Turbonilla interrupta (Epi.)	1	23
Nemertina		
Nemertina	1	23
Phoronida		
Phoronis spp.	2	45
Number of Taxa w/ Epi.	23	
Number of Taxa w/o Epi.	20	
Total Count w/ Epi.	130	
Total Count w/o Epi.	124	
Total Abundance w/ Epi.		2955
Total Abundance w/o Epi.		2818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0002			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cirratulidae	1	23	
Clymenella torquata	16	364	
Cossura sp. A Maciolek	1	23	
Euclymene zonalis	1	23	
Glycinde solitaria	20	455	
Heteromastus filiformis	1	23	
Leitoscoloplos robustus	4	91	
Mediomastus ambiseta	47	1068	
Mediomastus spp. *	14	318	
Melinna maculata	2	45	
Neanthes succinea	1	23	
Notomastus sp. A Ewing	9	205	
Parahesione luteola	1	23	
Paraprionospio pinnata	9	205	
Podarkeopsis levifuscina	5	114	
Arthropoda : Amphipoda			
Ameroculodes species complex	1	23	
Ampelisca abdita	10	227	
Ampelisca vadorum	1	23	
Listriella barnardi	32	727	
Arthropoda : Cumacea			
Cyclaspis varians	1	23	
Leucon americanus	87	1977	
Oxyurostylis smithi	2	45	
Arthropoda : Decapoda			
Ogyrides alphaerostris	2	45	
Arthropoda : Isopoda			
Edotea triloba (Epi.)	10	227	
Mollusca : Bivalvia			
Tellinidae	5	114	
Mollusca : Gastropoda			
Acteocina canaliculata	2	45	
Odostomia spp. (Epi.)	6	136	
Rictaxis punctostriatus	3	68	
Turbonilla spp. (Epi.)	1	23	
Nemertina			
Nemertina	1	23	
Number of Taxa w/ Epi.	29		
Number of Taxa w/o Epi.	26		
Total Count w/ Epi.	296		
Total Count w/o Epi.	279		
Total Abundance w/ Epi.		6727	
Total Abundance w/o Epi.		6341	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0003			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	5		114
Cossura sp. A Maciolek	1		23
Exogone dispar	1		23
Glycinde solitaria	17		386
Leitoscoloplos robustus	10		227
Mediomastus ambiseta	29		659
Mediomastus spp. *	8		182
Notomastus sp. A Ewing	4		91
Paraprionospio pinnata	6		136
Arthropoda : Amphipoda			
Ampelisca abdita	5		114
Listriella barnardi	34		773
Arthropoda : Cumacea			
Leucon americanus	42		955
Oxyurostylis smithi	1		23
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	2		45
Arthropoda : Mysidacea			
Mysidae (Epi.)	1		23
Hemichordata			
Saccoglossus kowalevskii	1		23
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tellinidae	4		91
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	1		23
Rictaxis punctostriatus	1		23
Number of Taxa w/ Epi.	21		
Number of Taxa w/o Epi.	18		
Total Count w/ Epi.	176		
Total Count w/o Epi.	172		
Total Abundance w/ Epi.			4000
Total Abundance w/o Epi.			3909

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0004			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cossura sp. A Maciolek	2		45
Diopatra cuprea	1		23
Exogone dispar	2		45
Glycinde solitaria	8		182
Mediomastus ambiseta	52		1182
Mediomastus spp. *	64		1455
Onuphidae *	1		23
Paraprionospio pinnata	2		45
Sabaco elongatus	1		23
Sphaerosyllis brevidentata	4		91
Streblospio benedicti	24		545
Arthropoda : Amphipoda			
Ampelisca abdita	94		2136
Listriella barnardi	2		45
Arthropoda : Cumacea			
Cyclaspis varians	19		432
Leucon americanus	249		5659
Arthropoda : Isopoda			
Edotea triloba (Epi.)	25		568
Arthropoda : Mysidacea			
Americanysis bahia (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	1		23
Mollusca : Bivalvia			
Gemma gemma	5		114
Mulinia lateralis	1		23
Tellina agilis	8		182
Mollusca : Gastropoda			
Gastropoda *	1		23
Hamineoa solitaria	2		45
Odostomia spp. (Epi.)	4		91
Rictaxis punctostriatus	2		45
Turbanilla spp. (Epi.)	1		23
Number of Taxa w/ Epi.	23		
Number of Taxa w/o Epi.	19		
Total Count w/ Epi.	578		
Total Count w/o Epi.	544		
Total Abundance w/ Epi.			13136
Total Abundance w/o Epi.			12364

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0005			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	4		91
Annelida : Polychaeta			
Cossura sp. A Maciolek	2		45
Exogone dispar	3		68
Glycinde solitaria	8		182
Leitoscoloplos robustus	4		91
Mediomastus ambiseta	24		545
Mediomastus spp. *	10		227
Notomastus sp. A Ewing	3		68
Paraprionospio pinnata	4		91
Podarkeopsis levifuscina	14		318
Sphaerosyllis brevidentata	4		91
Streblospio benedicti	1		23
Tharyx sp. A Morris	14		318
Arthropoda : Amphipoda			
Ampelisca abdita	26		591
Listriella barnardi	48		1091
Arthropoda : Cumacea			
Cyclaspis varians	3		68
Leucon americanus	163		3705
Arthropoda : Isopoda			
Edotea triloba (Epi.)	13		295
Mollusca : Bivalvia			
Tagelus divisus	1		23
Tellinidae	11		250
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	2		45
Rictaxis punctostriatus	1		23
Turbonilla spp. (Epi.)	3		68
Number of Taxa w/ Epi.	22		
Number of Taxa w/o Epi.	19		
Total Count w/ Epi.	366		
Total Count w/o Epi.	348		
Total Abundance w/ Epi.			8318
Total Abundance w/o Epi.			7909

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0006			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cirratulidae *	7	159	
Clymenella torquata	10	227	
Glycinde solitaria	12	273	
Leitoscoloplos robustus	5	114	
Mediomastus ambiseta	4	91	
Mediomastus spp. *	3	68	
Neanthes arenaceodentata	1	23	
Scolelepis texana	1	23	
Spiochaetopterus costarum	4	91	
Streblospio benedicti	2	45	
Tharyx sp. A Morris	9	205	
Arthropoda : Amphipoda			
Americhelidium americanum	3	68	
Ampelisca abdita	10	227	
Ampelisca verrilli	11	250	
Listriella barnardi	1	23	
Listriella clymenellae	1	23	
Monocorophium tuberculatum (Epi.)	1	23	
Arthropoda : Cumacea			
Oxyurostylis smithi	9	205	
Cnidaria : Anthozoa			
Anthozoa	1	23	
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1	23	
Mollusca : Bivalvia			
Gemma gemma	2	45	
Mollusca : Gastropoda			
Haminoea solitaria	4	91	
Rictaxis punctostriatus	3	68	
Number of Taxa w/ Epi.	21		
Number of Taxa w/o Epi.	20		
Total Count w/ Epi.	105		
Total Count w/o Epi.	104		
Total Abundance w/ Epi.		2386	
Total Abundance w/o Epi.		2364	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0007			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cirratulidae *	1	23	
Clymenella torquata	16	364	
Diopatra cuprea	1	23	
Euclymene zonalis	1	23	
Glycinde solitaria	17	386	
Leitoscoloplos robustus	10	227	
Leitoscoloplos spp. *	5	114	
Mediomastus ambiseta	32	727	
Mediomastus spp. *	10	227	
Podarkeopsis levifuscina	1	23	
Scolelepis texana	1	23	
Spiochaetopterus costarum	5	114	
Tharyx sp. A Morris	1	23	
Arthropoda : Amphipoda			
Americhelidium americanum	2	45	
Ameroculodes species complex	1	23	
Ampelisca abdita	32	727	
Ampelisca spp. *	1	23	
Ampelisca verrilli	6	136	
Listriella barnardi	9	205	
Monocorophium tuberculatum (Epi.)	1	23	
Arthropoda : Cumacea			
Oxyurostylis smithi	5	114	
Mollusca : Bivalvia			
Mulinia lateralis	1	23	
Tellinidae	1	23	
Mollusca : Gastropoda			
Acteocina canaliculata	1	23	
Rictaxis punctostriatus	13	295	
Nemertina			
Nemertina	2	45	
Number of Taxa w/ Epi.	22		
Number of Taxa w/o Epi.	21		
Total Count w/ Epi.	176		
Total Count w/o Epi.	175		
Total Abundance w/ Epi.		4000	
Total Abundance w/o Epi.		3977	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0008			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Diopatra cuprea</i>	1		23
<i>Glycinde solitaria</i>	8		182
<i>Leitoscoloplos robustus</i>	19		432
<i>Mediomastus ambiseta</i>	6		136
<i>Mediomastus spp. *</i>	4		91
<i>Podarkeopsis levifuscina</i>	3		68
<i>Proceraea cornuta (Epi.)</i>	1		23
<i>Streblospio benedicti</i>	4		91
Arthropoda : Amphipoda			
<i>Ampelisca abdita</i>	6		136
<i>Listriella barnardi</i>	3		68
Arthropoda : Cumacea			
<i>Leucon americanus</i>	28		636
Arthropoda : Decapoda			
<i>Ogyrides alphaerostris</i>	1		23
Mollusca : Bivalvia			
<i>Tagelus divisus</i>	1		23
<i>Tellinidae</i>	1		23
Number of Taxa w/ Epi.	13		
Number of Taxa w/o Epi.	12		
Total Count w/ Epi.	86		
Total Count w/o Epi.	85		
Total Abundance w/ Epi.			1955
Total Abundance w/o Epi.			1932

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0009			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Clymenella torquata	2		45
Mediomastus ambiseta	1		23
Arthropoda : Amphipoda			
Listriella barnardi	1		23
Number of Taxa w/ Epi.	3		
Number of Taxa w/o Epi.	3		
Total Count w/ Epi.	4		
Total Count w/o Epi.	4		
Total Abundance w/ Epi.			91
Total Abundance w/o Epi.			91

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0010			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Brania clavata	1		23
Carazziella hobsonae	11		250
Ceratonereis irritabilis	1		23
Clymenella torquata	53		1205
Euclymene zonalis	25		568
Exogone dispar	6		136
Glycera americana	3		68
Glycinde solitaria	29		659
Leitoscoloplos robustus	2		45
Leitoscoloplos spp. *	2		45
Mediomastus ambiseta	25		568
Mediomastus spp. *	211		4795
Melinna maculata	1		23
Parahesione luteola	1		23
Paraprionospio pinnata	6		136
Podarkeopsis levifuscina	3		68
Scoletoma tenuis	1		23
Spiochaetopterus costarum	1		23
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	14		318
Listriella barnardi	24		545
Monocorophium tuberculatum (Epi.)	1		23
Arthropoda : Cumacea			
Leucon americanus	3		68
Oxyurostylis smithi	4		91
Arthropoda : Isopoda			
Edotea triloba (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Bivalvia *	1		23
Mulinia lateralis	3		68
Mollusca : Gastropoda			
Acteocina canaliculata	10		227
Nassarius vibex	1		23
Nudibranchia (Epi.)	2		45
Odostomia spp. (Epi.)	4		91
Pyramidellidae *	2		45
Turbonilla interrupta (Epi.)	4		91
Nemertina			
Nemertina	5		114
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	28		
Total Count w/ Epi.	468		
Total Count w/o Epi.	452		
Total Abundance w/ Epi.			10636
Total Abundance w/o Epi.			10273

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

TAXA	Count	Abundance (#/m2)
Annelida : Oligochaeta		
Oligochaeta	5	114
Annelida : Polychaeta		
Carazziella hobsonae	15	341
Ceratonereis irritabilis	1	23
Clymenella torquata	9	205
Cossura sp. A Maciolek	1	23
Diopatra cuprea	1	23
Eteone foliosa	1	23
Exogone dispar	25	568
Glycera americana	1	23
Glycinde solitaria	38	864
Leitoscoloplos robustus	8	182
Leitoscoloplos spp. *	2	45
Mediomastus ambiseta	12	273
Mediomastus spp. *	37	841
Neanthes succinea	1	23
Notomastus sp. A Ewing	1	23
Paraprionospio pinnata	2	45
Sabaco elongatus	1	23
Scoletoma tenuis	1	23
Sphaerosyllis brevidentata	2	45
Spiochaetopterus costarum	10	227
Arthropoda : Amphipoda		
Ampelisca abdita	15	341
Ampelisca vadorum	1	23
Listriella barnardi	36	818
Monocorophium tuberculatum (Epi.)	10	227
Paracaprella tenuis (Epi.)	7	159
Arthropoda : Cumacea		
Cyclaspis varians	1	23
Leucon americanus	19	432
Oxyurostylis smithi	1	23
Arthropoda : Isopoda		
Edotea triloba (Epi.)	14	318
Cnidaria : Anthozoa		
Anthozoa	1	23
Mollusca : Bivalvia		
Mulinia lateralis	9	205
Tellina agilis	3	68
Mollusca : Gastropoda		
Acteocina canaliculata	22	500
Nassarius vibex	2	45
Odostomia spp. (Epi.)	3	68
Pyramidellidae *	1	23
Turbonilla interrupta (Epi.)	2	45
Nemertina		
Nemertina	6	136
Phoronida		
Phoronis spp.	1	23
Number of Taxa w/ Epi.	37	
Number of Taxa w/o Epi.	32	
Total Count w/ Epi.	328	
Total Count w/o Epi.	291	
Total Abundance w/ Epi.		7455
Total Abundance w/o Epi.		6614

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0012			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Ceratonereis irritabilis	2	45	
Cirratulidae *	11	250	
Clymenella torquata	3	68	
Exogone dispar	4	91	
Glycinde solitaria	11	250	
Heteromastus filiformis	2	45	
Leitoscoloplos robustus	5	114	
Leitoscoloplos spp. *	2	45	
Mediomastus ambiseta	10	227	
Mediomastus spp. *	6	136	
Scolelepis texana	1	23	
Sphaerosyllis brevidentata	1	23	
Spiochaetopterus costarum	6	136	
Streblospio benedicti	1	23	
Tharyx sp. A Morris	8	182	
Arthropoda : Amphipoda			
Ameroculodes species complex	5	114	
Ampelisca abdita	5	114	
Ampelisca verrilli	5	114	
Batea catharinensis (Epi.)	1	23	
Listriella barnardi	4	91	
Arthropoda : Cumacea			
Oxyurostylis smithi	3	68	
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1	23	
Cnidaria : Anthozoa			
Anthozoa	1	23	
Hemichordata			
Saccoglossus kowalevskii	25	568	
Mollusca : Bivalvia			
Mulinia lateralis	1	23	
Spisula solidissima	1	23	
Tellina agilis	1	23	
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	1	23	
Phoronida			
Phoronis spp.	1	23	
Number of Taxa w/ Epi.	26		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	128		
Total Count w/o Epi.	125		
Total Abundance w/ Epi.		2909	
Total Abundance w/o Epi.		2841	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0013			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Clymenella torquata	4		91
Euclymene zonalis	1		23
Glycinde solitaria	7		159
Leitoscoloplos robustus	5		114
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	7		159
Mediomastus spp. *	18		409
Notomastus sp. A Ewing	15		341
Paraprionospio pinnata	3		68
Podarkeopsis levifuscina	3		68
Sabaco elongatus	3		68
Arthropoda : Amphipoda			
Ampelisca abdita	4		91
Listriella barnardi	19		432
Monocorophium tuberculatum (Epi.)	3		68
Arthropoda : Cumacea			
Leucon americanus	6		136
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tellina agilis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	2		45
Odostomia spp. (Epi.)	2		45
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	20		
Number of Taxa w/o Epi.	18		
Total Count w/ Epi.	108		
Total Count w/o Epi.	103		
Total Abundance w/ Epi.			2455
Total Abundance w/o Epi.			2341

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0014			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Eteone foliosa	1		23
Leitoscoloplos robustus	20		455
Streblospio benedicti	92		2091
Arthropoda : Cumacea			
Leucon americanus	2		45
Mollusca : Gastropoda			
Rictaxis punctostriatus	2		45
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	6		
Number of Taxa w/o Epi.	6		
Total Count w/ Epi.	118		
Total Count w/o Epi.	118		
Total Abundance w/ Epi.			2682
Total Abundance w/o Epi.			2682

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0015			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Clymenella torquata	1		23
Euclymene zonalis	2		45
Glycinde solitaria	12		273
Leitoscoloplos spp.	7		159
Mediomastus ambiseta	18		409
Mediomastus spp. *	13		295
Notomastus sp. A Ewing	5		114
Parahesione luteola	1		23
Podarkeopsis levifuscina	2		45
Sabaco elongatus	1		23
Sphaerosyllis brevidentata	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	4		91
Monocorophium tuberculatum (Epi.)	1		23
Rhepoxynius hudsoni	91		2068
Arthropoda : Cumacea			
Leucon americanus	27		614
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Mollusca : Bivalvia			
Tellinidae	8		182
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Odostomia engonia (Epi.)	8		182
Rictaxis punctostriatus	3		68
Turbonilla interrupta (Epi.)	1		23
Number of Taxa w/ Epi.	20		
Number of Taxa w/o Epi.	17		
Total Count w/ Epi.	208		
Total Count w/o Epi.	198		
Total Abundance w/ Epi.			4727
Total Abundance w/o Epi.			4500

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0016			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	2		45
Clymenella torquata	6		136
Eteone foliosa	1		23
Euclymene zonalis	3		68
Exogone dispar	1		23
Glycera americana	1		23
Glycinde solitaria	7		159
Leitoscoloplos robustus	8		182
Leitoscoloplos spp. *	1		23
Maldanidae *	1		23
Mediomastus ambiseta	4		91
Mediomastus spp. *	32		727
Melinna maculata	1		23
Notomastus sp. A Ewing	4		91
Parapriionospio pinnata	10		227
Podarke obscura	1		23
Podarkeopsis levifuscina	1		23
Sabaco elongatus	2		45
Sphaerosyllis brevidentata	2		45
Spiochaetopterus costarum	6		136
Arthropoda : Amphipoda			
Ampelisca abdita	4		91
Listriella barnardi	64		1455
Arthropoda : Cumacea			
Leucon americanus	12		273
Mollusca : Bivalvia			
Tellinidae	2		45
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Gastropoda *	4		91
Rictaxis punctostriatus	8		182
Turbonilla spp. (Epi.)	3		68
Number of Taxa w/ Epi.	24		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	192		
Total Count w/o Epi.	185		
Total Abundance w/ Epi.			4364
Total Abundance w/o Epi.			4205

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0017			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Brania clavata</i>	1		23
<i>Clymenella torquata</i>	12		273
<i>Euclymene zonalis</i>	1		23
<i>Exogone dispar</i>	8		182
<i>Glycera americana</i>	1		23
<i>Glycinde solitaria</i>	13		295
<i>Leitoscoloplos robustus</i>	2		45
<i>Mediomastus ambiseta</i>	78		1773
<i>Mediomastus spp. *</i>	56		1273
<i>Spiochaetopterus costarum</i>	1		23
<i>Tharyx sp. A Morris</i>	1		23
Arthropoda : Amphipoda			
<i>Ampelisca abdita</i>	8		182
<i>Ampelisca verrilli</i>	11		250
<i>Batea catharinensis (Epi.)</i>	4		91
<i>Cerapus tubularis (Epi.)</i>	1		23
<i>Listriella barnardi</i>	11		250
<i>Monocorophium tuberculatum (Epi.)</i>	10		227
<i>Paracaprella tenuis (Epi.)</i>	1		23
Arthropoda : Cumacea			
<i>Cyclaspis varians</i>	1		23
<i>Oxyurostylis smithi</i>	1		23
Arthropoda : Isopoda			
<i>Edotea triloba (Epi.)</i>	1		23
Echinodermata : Holothuroidea			
<i>Leptosynapta tenuis</i>	1		23
Mollusca : Bivalvia			
<i>Mulinia lateralis</i>	5		114
<i>Solemya velum</i>	2		45
Mollusca : Gastropoda			
<i>Acteocina canaliculata</i>	2		45
<i>Gastropoda (Epi.)</i>	2		45
<i>Rictaxis punctostriatus</i>	6		136
Phoronida			
<i>Phoronis spp.</i>	2		45
Number of Taxa w/ Epi.	27		
Number of Taxa w/o Epi.	21		
Total Count w/ Epi.	243		
Total Count w/o Epi.	224		
Total Abundance w/ Epi.			5523
Total Abundance w/o Epi.			5091

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0018			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Brania clavata	1		23
Brania wellfleetensis	6		136
Cirratulidae *	6		136
Clymenella torquata	9		205
Glycera americana	1		23
Glycinde solitaria	7		159
Heteromastus filiformis	1		23
Leitoscoloplos robustus	4		91
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	40		909
Mediomastus spp. *	15		341
Scolelepis texana	5		114
Scoletoma tenuis	4		91
Spiochaetopterus costarum	10		227
Streblospio benedicti	15		341
Tharyx sp. A Morris	12		273
Arthropoda : Amphipoda			
Ampelisca spp. *	2		45
Ampelisca verrilli	20		455
Apocorophium acutum (Epi.)	2		45
Listriella barnardi	1		23
Microprotopus raneyi (Epi.)	2		45
Monocorophium tuberculatum (Epi.)	5		114
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Leucon americanus	1		23
Oxyurostylis smithi	6		136
Hemichordata			
Saccoglossus kowalevskii	2		45
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tagelus divisus	1		23
Tellina agilis	2		45
Mollusca : Gastropoda			
Gastropoda (Epi.)	1		23
Haminoea solitaria	1		23
Nassarius vibex	1		23
Rictaxis punctostriatus	3		68
Nemertina			
Nemertina	1		23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	2		45
Number of Taxa w/ Epi.	32		
Number of Taxa w/o Epi.	27		
Total Count w/ Epi.	194		
Total Count w/o Epi.	182		
Total Abundance w/ Epi.			4409
Total Abundance w/o Epi.			4136

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0019			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Brania wellfleetensis</i>	2		45
<i>Clymenella torquata</i>	30		682
<i>Euclymene zonalis</i>	7		159
<i>Glycera americana</i>	1		23
<i>Glycinde solitaria</i>	24		545
<i>Leitoscoloplos robustus</i>	4		91
<i>Mediomastus ambiseta</i>	42		955
<i>Mediomastus spp.</i> *	37		841
<i>Spiochaetopterus costarum</i>	7		159
<i>Streblospio benedicti</i>	3		68
<i>Tharyx sp. A Morris</i>	10		227
Arthropoda : Amphipoda			
<i>Ameroculodes species complex</i>	3		68
<i>Ampelisca abdita</i>	13		295
<i>Ampelisca verrilli</i>	4		91
<i>Elasmopus laevis</i> (Epi.)	1		23
<i>Listriella barnardi</i>	5		114
<i>Microprotopus raneyi</i> (Epi.)	2		45
<i>Monocorophium tuberculatum</i> (Epi.)	2		45
<i>Paracaprella tenuis</i> (Epi.)	1		23
Arthropoda : Cumacea			
<i>Oxyurostylis smithi</i>	7		159
Arthropoda : Mysidacea			
<i>Neomysis americana</i> (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	2		45
Mollusca : Bivalvia			
<i>Mulinia lateralis</i>	7		159
Mollusca : Gastropoda			
<i>Acteocina canaliculata</i>	4		91
<i>Boonea seminuda</i> (Epi.)	1		23
<i>Odostomia spp.</i> (Epi.)	1		23
<i>Rictaxis punctostriatus</i>	5		114
Nemertina			
<i>Nemertina</i>	1		23
Phoronida			
<i>Phoronis spp.</i>	2		45
Number of Taxa w/ Epi.	28		
Number of Taxa w/o Epi.	21		
Total Count w/ Epi.	229		
Total Count w/o Epi.	220		
Total Abundance w/ Epi.			5205
Total Abundance w/o Epi.			5000

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0020			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	3		68
Annelida : Polychaeta			
Carazziella hobsonae	3		68
Clymenella torquata	26		591
Euclymene zonalis	7		159
Exogone dispar	18		409
Glycera americana	4		91
Glycinde solitaria	25		568
Heteromastus filiformis	2		45
Leitoscoloplos robustus	1		23
Leitoscoloplos spp. *	1		23
Maldanidae *	1		23
Mediomastus ambiseta	80		1818
Mediomastus spp. *	50		1136
Notomastus sp. A Ewing	2		45
Phyllodoce spp.	1		23
Polydora cornuta	5		114
Spiochaetopterus costarum	8		182
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Ampelisca abdita	19		432
Ampelisca verrilli	1		23
Cerapus tubularis (Epi.)	1		23
Listriella barnardi	23		523
Monocorophium acherusicum (Epi.)	1		23
Monocorophium tuberculatum (Epi.)	3		68
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Oxyurostylis smithi	1		23
Arthropoda : Decapoda			
Crangon septemspinosa (Epi.)	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Arthropoda : Mysidacea			
Americamysis spp. (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Mulinia lateralis	9		205
Solemya velum	1		23
Tellina agilis	7		159
Mollusca : Gastropoda			
Acteocina canaliculata	4		91
Gastropoda (Epi.)	1		23
Nudibranchia (Epi.)	1		23
Rictaxis punctostriatus	2		45
Turbonilla interrupta (Epi.)	4		91
Nemertina			
Nemertina	5		114
Number of Taxa w/ Epi.	38		
Number of Taxa w/o Epi.	29		
Total Count w/ Epi.	328		
Total Count w/o Epi.	314		
Total Abundance w/ Epi.			7455
Total Abundance w/o Epi.			7136

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0021			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	7		159
Annelida : Polychaeta			
Brania clavata	1		23
Clymenella torquata	2		45
Cossura sp. A Maciolek	4		91
Euclymene zonalis	3		68
Exogone dispar	16		364
Glycinde solitaria	17		386
Leitoscoloplos robustus	6		136
Leitoscoloplos spp. *	3		68
Mediomastus ambiseta	77		1750
Mediomastus spp. *	25		568
Melinna maculata	7		159
Neanthes succinea	4		91
Notomastus sp. A Ewing	2		45
Parahesione luteola	1		23
Paraprionospio pinnata	2		45
Podarkeopsis levifuscina	2		45
Polydora cornuta	1		23
Sabaco elongatus	1		23
Scoletoma tenuis	1		23
Sphaerosyllis brevidentata	14		318
Spiochaetopterus costarum	7		159
Streblospio benedicti	6		136
Arthropoda : Amphipoda			
Ampelisca abdita	15		341
Listriella barnardi	11		250
Arthropoda : Cumacea			
Leucon americanus	10		227
Oxyurostylis smithi	2		45
Arthropoda : Isopoda			
Edotea triloba (Epi.)	27		614
Cnidaria : Anthozoa			
Anthozoa	1		23
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Tellinidae	3		68
Mollusca : Gastropoda			
Nassarius vibex	2		45
Rictaxis punctostriatus	1		23
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	32		
Number of Taxa w/o Epi.	31		
Total Count w/ Epi.	285		
Total Count w/o Epi.	258		
Total Abundance w/ Epi.			6477
Total Abundance w/o Epi.			5864

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0022			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Clymenella torquata	2		45
Glycinde solitaria	15		341
Leitoscoloplos robustus	2		45
Mediomastus ambiseta	32		727
Mediomastus spp. *	3		68
Neanthes arenaceodentata	1		23
Spiochaetopterus costarum	2		45
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Ampelisca abdita	5		114
Ampelisca spp. *	1		23
Listriella barnardi	2		45
Arthropoda : Cumacea			
Oxyurostylis smithi	8		182
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Spisula solidissima	2		45
Tellina agilis	3		68
Mollusca : Gastropoda			
Acteocina canaliculata	2		45
Rictaxis punctostriatus	5		114
Phoronida			
Phoronis spp.	2		45
Number of Taxa w/ Epi.	18		
Number of Taxa w/o Epi.	18		
Total Count w/ Epi.	93		
Total Count w/o Epi.	93		
Total Abundance w/ Epi.			2114
Total Abundance w/o Epi.			2114

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0023			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	3		68
Clymenella torquata	2		45
Cossura sp. A Maciolek	3		68
Dorvillea rudolphi	1		23
Exogone dispar	1		23
Glycera americana	1		23
Glycinde solitaria	8		182
Heteromastus filiformis	1		23
Leitoscoloplos robustus	8		182
Mediomastus ambiseta	3		68
Mediomastus spp. *	78		1773
Melinna maculata	1		23
Notomastus sp. A Ewing	5		114
Paraprionospio pinnata	13		295
Podarkeopsis levifuscina	2		45
Spiochaetopterus costarum	3		68
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	2		45
Listriella barnardi	39		886
Arthropoda : Cumacea			
Leucon americanus	20		455
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Cnidaria : Anthozoa			
Anthozoa	2		45
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tellina agilis	1		23
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	25		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	202		
Total Count w/o Epi.	202		
Total Abundance w/ Epi.			4591
Total Abundance w/o Epi.			4591

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0024			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Brania clavata</i>	36		818
<i>Capitella capitata complex</i>	10		227
<i>Demonax microphthalmus</i>	12		273
<i>Exogone dispar</i>	13		295
<i>Glycinde solitaria</i>	2		45
<i>Heteromastus filiformis</i>	7		159
<i>Hydroides spp. (Epi.)</i>	3		68
<i>Leitoscoloplos robustus</i>	6		136
<i>Mediomastus ambiseta</i>	3		68
<i>Mediomastus spp. *</i>	17		386
<i>Neanthes arenaceodentata</i>	1		23
<i>Odontosyllis fulgurans (Epi.)</i>	2		45
<i>Platynereis dumerilii</i>	1		23
<i>Polydora cornuta</i>	16		364
<i>Prionospio heterobranchia</i>	11		250
<i>Proceraea cornuta (Epi.)</i>	2		45
<i>Scoletoma tenuis</i>	71		1614
<i>Spio setosa</i>	1		23
<i>Spiochaetopterus costarum</i>	18		409
<i>Spirorbis corrugatus (Epi.)</i>	1		23
<i>Streblospio benedicti</i>	61		1386
Arthropoda : Amphipoda			
<i>Ampelisca abdita</i>	7		159
<i>Ampelisca vadorum</i>	1		23
<i>Ampelisca verrilli</i>	13		295
<i>Ampithoe longimana (Epi.)</i>	7		159
<i>Caprella penantis (Epi.)</i>	1		23
<i>Cymadusa compta (Epi.)</i>	4		91
<i>Elasmopus laevis (Epi.)</i>	38		864
<i>Erithonius brasiliensis (Epi.)</i>	12		273
<i>Gitanopsis tortugae (Epi.)</i>	4		91
<i>Lysianopsis alba</i>	1		23
<i>Microdeutopus gryllotalpa (Epi.)</i>	7		159
<i>Microprotopus raneyi (Epi.)</i>	45		1023
<i>Monocorophium tuberculatum (Epi.)</i>	1		23
<i>Mucrogammarus mucronatus (Epi.)</i>	4		91
<i>Paracaprella tenuis (Epi.)</i>	56		1273
Arthropoda : Isopoda			
<i>Edotea triloba (Epi.)</i>	4		91
<i>Erichsonella attenuata (Epi.)</i>	25		568
Arthropoda : Pycnogonida			
<i>Callipallene brevirostris (Epi.)</i>	7		159
Arthropoda : Tanaidacea			
<i>Hargeria rapax</i>	1		23
Cnidaria : Anthozoa			
<i>Anthozoa</i>	144		3273
Mollusca : Gastropoda			
<i>Gastropoda (Epi.)</i>	2		45
<i>Nassarius trivittatus</i>	3		68
<i>Nassarius vibex</i>	2		45
<i>Nudibranchia (Epi.)</i>	2		45
Nemertina			
<i>Nemertina</i>	2		45
Number of Taxa w/ Epi.	45		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	687		
Total Count w/o Epi.	460		
Total Abundance w/ Epi.			15614
Total Abundance w/o Epi.			10455

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0025			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	3		68
Annelida : Polychaeta			
Carazziella hobsonae	28		636
Clymenella torquata	4		91
Cossura sp. A Maciolek	2		45
Euclymene zonalis	15		341
Exogone dispar	1		23
Glycera americana	1		23
Glycinde solitaria	6		136
Leitoscoloplos robustus	4		91
Mediomastus ambiseta	3		68
Mediomastus spp. *	156		3545
Notomastus sp. A Ewing	3		68
Paraprionospio pinnata	8		182
Pectinaria gouldii	1		23
Prionospio heterobranchia	1		23
Sabaco elongatus	4		91
Sphaerosyllis brevidentata	2		45
Spiochaetopterus costarum	1		23
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	4		91
Cerapus tubularis (Epi.)	2		45
Listriella barnardi	24		545
Listriella clymenellae	3		68
Arthropoda : Cumacea			
Leucon americanus	12		273
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Mollusca : Bivalvia			
Macoma tenta	1		23
Mulinia lateralis	3		68
Mollusca : Gastropoda			
Rictaxis punctostriatus	1		23
Turbonilla spp. (Epi.)	3		68
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	29		
Number of Taxa w/o Epi.	27		
Total Count w/ Epi.	299		
Total Count w/o Epi.	294		
Total Abundance w/ Epi.			6795
Total Abundance w/o Epi.			6682

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0026			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Carazziella hobsonae	3		68
Ceratonereis irritabilis	1		23
Clymenella torquata	1		23
Euclymene zonalis	9		205
Exogone dispar	3		68
Glycera americana	5		114
Glycinde solitaria	11		250
Leitoscoloplos robustus	1		23
Mediomastus ambiseta	3		68
Mediomastus spp. *	100		2273
Nephtys picta	1		23
Notomastus sp. A Ewing	4		91
Paraprionospio pinnata	11		250
Pectinaria gouldii	1		23
Podarkeopsis levifuscina	1		23
Sabaco elongatus	5		114
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	5		114
Cerapus tubularis (Epi.)	2		45
Listriella barnardi	28		636
Monocorophium tuberculatum (Epi.)	1		23
Unciola serrata	1		23
Arthropoda : Cumacea			
Leucon americanus	3		68
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	1		23
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	1		23
Turbonilla interrupta (Epi.)	5		114
Phoronida			
Phoronis spp.	2		45
Number of Taxa w/ Epi.	29		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	214		
Total Count w/o Epi.	203		
Total Abundance w/ Epi.			4864
Total Abundance w/o Epi.			4614

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0027			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	3		68
Annelida : Polychaeta			
Ampharete arctica	1		23
Brania clavata	10		227
Eteone foliosa	1		23
Glycinde solitaria	1		23
Leitoscoloplos robustus	7		159
Maldanidae	1		23
Mediomastus spp. *	16		364
Notomastus sp. A Ewing	1		23
Sabaco elongatus	1		23
Sphaerosyllis brevidentata	2		45
Streblospio benedicti	11		250
Arthropoda : Amphipoda			
Ampelisca abdita	4		91
Microprotopus raneyi (Epi.)	1		23
Arthropoda : Cumacea			
Cyclaspis varians	21		477
Arthropoda : Isopoda			
Edotea triloba (Epi.)	2		45
Mollusca : Bivalvia			
Gemma gemma	2		45
Tellina agilis	4		91
Number of Taxa w/ Epi.	17		
Number of Taxa w/o Epi.	15		
Total Count w/ Epi.	89		
Total Count w/o Epi.	86		
Total Abundance w/ Epi.			2023
Total Abundance w/o Epi.			1955

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0028			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	4		91
Annelida : Polychaeta			
Capitella capitata complex	1		23
Carazziella hobsonae	4		91
Clymenella torquata	1		23
Cossura sp. A Maciolek	1		23
Diopatra cuprea	1		23
Euclymene zonalis	2		45
Exogone dispar	50		1136
Glycinde solitaria	33		750
Heteromastus filiformis	2		45
Leitoscoloplos robustus	3		68
Mediomastus ambiseta	60		1364
Mediomastus spp. *	37		841
Neanthes succinea	1		23
Nereididae *	2		45
Odontosyllis fulgurans (Epi.)	1		23
Onuphidae *	2		45
Paraprionospio pinnata	1		23
Polydora cornuta	19		432
Scoletoma tenuis	1		23
Sphaerosyllis brevidentata	2		45
Spiochaetopterus costarum	13		295
Arthropoda : Amphipoda			
Ampelisca abdita	35		795
Ampelisca vadorum	6		136
Ampelisca verrilli	2		45
Cerapus tubularis (Epi.)	1		23
Listriella barnardi	9		205
Monocorophium tuberculatum (Epi.)	31		705
Unciola serrata	3		68
Arthropoda : Cumacea			
Leucon americanus	4		91
Arthropoda : Isopoda			
Edotea triloba (Epi.)	7		159
Mollusca : Bivalvia			
Bivalvia *	3		68
Mulinia lateralis	13		295
Tagelus divisus	6		136
Tellina agilis	1		23
Mollusca : Gastropoda			
Gastropoda *	3		68
Rictaxis punctostriatus	2		45
Turbanilla interrupta (Epi.)	3		68
Nemertina			
Nemertina	3		68
Number of Taxa w/ Epi.	34		
Number of Taxa w/o Epi.	29		
Total Count w/ Epi.	373		
Total Count w/o Epi.	327		
Total Abundance w/ Epi.			8477
Total Abundance w/o Epi.			7432

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0029			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Eteone heteropoda	1		23
Glycinde solitaria	1		23
Leitoscoloplos robustus	54		1227
Mediomastus spp.	1		23
Neanthes succinea	3		68
Podarkeopsis levifuscina	6		136
Streblospio benedicti	2		45
Mollusca : Bivalvia			
Tellina agilis	2		45
Nemertina			
Nemertina	2		45
Number of Taxa w/ Epi.	9		
Number of Taxa w/o Epi.	9		
Total Count w/ Epi.	72		
Total Count w/o Epi.	72		
Total Abundance w/ Epi.			1636
Total Abundance w/o Epi.			1636

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0030			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Eteone heteropoda	30		682
Heteromastus filiformis	1		23
Laeonereis culveri	4		91
Leitoscoloplos robustus	6		136
Mediomastus spp.	1		23
Neanthes succinea	9		205
Podarkeopsis levifuscina	4		91
Streblospio benedicti	19		432
Nemertina			
Nemertina	7		159
Number of Taxa w/ Epi.	10		
Number of Taxa w/o Epi.	10		
Total Count w/ Epi.	82		
Total Count w/o Epi.	82		
Total Abundance w/ Epi.			1864
Total Abundance w/o Epi.			1864

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0031			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Glycinde solitaria	1	23	
Leitoscoloplos robustus	47	1068	
Mediomastus ambiseta	1	23	
Neanthes succinea	1	23	
Notomastus sp. A Ewing	5	114	
Podarkeopsis levifuscina	10	227	
Streblospio benedicti	11	250	
Arthropoda : Amphipoda			
Listriella barnardi	4	91	
Arthropoda : Diptera			
Diptera	1	23	
Mollusca : Bivalvia			
Macoma mitchelli	3	68	
Nemertina			
Nemertina	2	45	
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1	23	
Number of Taxa w/ Epi.	12		
Number of Taxa w/o Epi.	11		
Total Count w/ Epi.	87		
Total Count w/o Epi.	86		
Total Abundance w/ Epi.		1977	
Total Abundance w/o Epi.		1955	

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0032			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Leitoscoloplos robustus	42		955
Notomastus sp. A Ewing	2		45
Podarkeopsis levifuscina	21		477
Streblospio benedicti	5		114
Mollusca : Bivalvia			
Macoma balthica	1		23
Macoma mitchelli	5		114
Number of Taxa w/ Epi.	6		
Number of Taxa w/o Epi.	6		
Total Count w/ Epi.	76		
Total Count w/o Epi.	76		
Total Abundance w/ Epi.			1727
Total Abundance w/o Epi.			1727

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0033			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Cossura sp. A Maciolek	2		45
Diopatra cuprea	1		23
Glycinde solitaria	10		227
Leitoscoloplos robustus	8		182
Mediomastus ambiseta	29		659
Mediomastus spp. *	29		659
Notomastus sp. A Ewing	6		136
Paraprionospio pinnata	1		23
Podarkeopsis levifuscina	6		136
Sabaco elongatus	5		114
Sphaerosyllis brevidentata	8		182
Spiochaetopterus costarum	1		23
Streblospio benedicti	7		159
Arthropoda : Amphipoda			
Ampelisca abdita	6		136
Ampelisca spp. *	1		23
Ampelisca vadorum	2		45
Listriella barnardi	23		523
Arthropoda : Cumacea			
Leucon americanus	26		591
Arthropoda : Isopoda			
Edotea triloba (Epi.)	6		136
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Tagelus divisus	1		23
Tellinidae	17		386
Mollusca : Gastropoda			
Turbonilla spp. (Epi.)	24		545
Nemertina			
Nemertina	1		23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	2		45
Number of Taxa w/ Epi.	25		
Number of Taxa w/o Epi.	22		
Total Count w/ Epi.	225		
Total Count w/o Epi.	193		
Total Abundance w/ Epi.		5114	
Total Abundance w/o Epi.		4386	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0034			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cossura sp. A Maciolek	1		23
Eteone heteropoda	2		45
Exogone dispar	1		23
Glycinde solitaria	2		45
Leitoscoloplos robustus	3		68
Maldanidae	15		341
Mediomastus ambiseta	15		341
Mediomastus californiensis	7		159
Onuphidae	1		23
Pectinaria gouldii	1		23
Podarkeopsis levifuscina	2		45
Streblospio benedicti	32		727
Arthropoda : Amphipoda			
Ampelisca abdita	12		273
Listriella barnardi	7		159
Arthropoda : Cumacea			
Leucon americanus	3		68
Arthropoda : Mysidacea			
Mysidae (Epi.)	1		23
Mollusca : Bivalvia			
Macoma mitchelli	6		136
Mulinia lateralis	2		45
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Odostomia engonia (Epi.)	1		23
Rictaxis punctostriatus	2		45
Number of Taxa w/ Epi.	21		
Number of Taxa w/o Epi.	19		
Total Count w/ Epi.	117		
Total Count w/o Epi.	115		
Total Abundance w/ Epi.			2659
Total Abundance w/o Epi.			2614

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0035			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cossura sp. A Maciolek	6	136	
Eteone heteropoda	2	45	
Glycinde solitaria	3	68	
Leitoscoloplos robustus	19	432	
Mediomastus ambiseta	18	409	
Mediomastus spp. *	12	273	
Notomastus sp. A Ewing	7	159	
Paraprionospio pinnata	3	68	
Podarkeopsis levifuscina	17	386	
Sabaco elongatus	2	45	
Streblospio benedicti	20	455	
Arthropoda : Amphipoda			
Ampelisca abdita	2	45	
Listriella barnardi	19	432	
Arthropoda : Cumacea			
Leucon americanus	7	159	
Cnidaria : Anthozoa			
Anthozoa	1	23	
Mollusca : Bivalvia			
Tellina agilis	4	91	
Mollusca : Gastropoda			
Rictaxis punctostriatus	2	45	
Nemertina			
Nemertina	1	23	
Number of Taxa w/ Epi.	17		
Number of Taxa w/o Epi.	17		
Total Count w/ Epi.	145		
Total Count w/o Epi.	145		
Total Abundance w/ Epi.		3295	
Total Abundance w/o Epi.		3295	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0036			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Brania clavata	3		68
Exogone dispar	13		295
Glycinde solitaria	8		182
Heteromastus filiformis	4		91
Leitoscoloplos robustus	17		386
Mediomastus ambiseta	18		409
Mediomastus spp. *	28		636
Odontosyllis fulgurans (Epi.)	2		45
Polydora cornuta	4		91
Prionospio heterobranchia	6		136
Scolelepis texana	2		45
Scoletoma tenuis	1		23
Spiochaetopterus costarum	17		386
Streblospio benedicti	26		591
Tharyx sp. A Morris	16		364
Arthropoda : Amphipoda			
Ampelisca abdita	16		364
Ampelisca vadorum	4		91
Ampelisca verrilli	21		477
Ampithoe longimana (Epi.)	1		23
Batea catharinensis (Epi.)	1		23
Ericthonius brasiliensis (Epi.)	1		23
Listriella barnardi	1		23
Microdeutopus gryllotalpa (Epi.)	3		68
Micropotopush raneyi (Epi.)	5		114
Monocorophium tuberculatum (Epi.)	8		182
Paracaprella tenuis (Epi.)	15		341
Arthropoda : Cumacea			
Cyclaspis varians	2		45
Oxyurostylis smithi	8		182
Arthropoda : Isopoda			
Edotea triloba (Epi.)	2		45
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	3		68
Mollusca : Bivalvia			
Gemma gemma	4		91
Mulinia lateralis	1		23
Tellina agilis	1		23
Mollusca : Gastropoda			
Gastropoda (Epi.)	1		23
Nemertina			
Nemertina	3		68
Number of Taxa w/ Epi.	36		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	270		
Total Count w/o Epi.	228		
Total Abundance w/ Epi.		6136	
Total Abundance w/o Epi.		5182	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0037			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Heteromastus filiformis	1		23
Leitoscoloplos robustus	23		523
Neanthes succinea	5		114
Podarkeopsis levifuscina	3		68
Streblospio benedicti	4		91
Nemertina			
Nemertina	2		45
Number of Taxa w/ Epi.	6		
Number of Taxa w/o Epi.	6		
Total Count w/ Epi.	38		
Total Count w/o Epi.	38		
Total Abundance w/ Epi.			864
Total Abundance w/o Epi.			864

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0038			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Clymenella torquata	1		23
Dipolydora quadrilobata (Epi.)	4		91
Glycinde solitaria	12		273
Heteromastus filiformis	7		159
Leitoscoloplos robustus	15		341
Mediomastus ambiseta	21		477
Mediomastus spp. *	8		182
Neanthes succinea	1		23
Paraprionospio pinnata	4		91
Podarkeopsis levifuscina	3		68
Sabaco elongatus	5		114
Spiochaetopterus costarum	1		23
Streblospio benedicti	4		91
Arthropoda : Amphipoda			
Ampelisca abdita	7		159
Batea catharinensis (Epi.)	1		23
Listriella barnardi	63		1432
Monocorophium tuberculatum (Epi.)	1		23
Arthropoda : Cumacea			
Leucon americanus	5		114
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Arthropoda : Mysidacea			
Americamysis bigelowi (Epi.)	3		68
Mollusca : Bivalvia			
Tellina agilis	16		364
Mollusca : Gastropoda			
Turbonilla spp. (Epi.)	4		91
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	22		
Number of Taxa w/o Epi.	16		
Total Count w/ Epi.	188		
Total Count w/o Epi.	174		
Total Abundance w/ Epi.			4273
Total Abundance w/o Epi.			3955

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0039			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Brania clavata</i>	1	23	
<i>Carazziella hobsonae</i>	33	750	
<i>Clymenella torquata</i>	14	318	
<i>Cossura sp. A Maciolek</i>	4	91	
<i>Demonax microphthalmus</i>	1	23	
<i>Euclymene zonalis</i>	17	386	
<i>Eumida sanguinea</i>	1	23	
<i>Exogone dispar</i>	14	318	
<i>Glycera americana</i>	1	23	
<i>Glycinde solitaria</i>	28	636	
<i>Leitoscoloplos robustus</i>	10	227	
<i>Mediomastus ambiseta</i>	37	841	
<i>Mediomastus californiensis</i>	2	45	
<i>Mediomastus spp. *</i>	196	4455	
<i>Melinna maculata</i>	1	23	
<i>Neanthes succinea</i>	1	23	
<i>Notomastus sp. A Ewing</i>	23	523	
<i>Paraprionospio pinnata</i>	1	23	
<i>Pista cristata</i>	3	68	
<i>Podarkeopsis levifuscina</i>	13	295	
<i>Polycirrus eximus</i>	5	114	
<i>Sabaco elongatus</i>	29	659	
<i>Sphaerosyllis brevidentata</i>	4	91	
<i>Spiochaetopterus costarum</i>	13	295	
<i>Streblospio benedicti</i>	3	68	
Arthropoda : Amphipoda			
<i>Ampelisca abdita</i>	6	136	
<i>Listriella barnardi</i>	76	1727	
<i>Monocorophium tuberculatum (Epi.)</i>	7	159	
<i>Paracaprella tenuis (Epi.)</i>	3	68	
Arthropoda : Chironomidae			
<i>Chironomidae</i>	1	23	
Arthropoda : Cumacea			
<i>Leucon americanus</i>	37	841	
Arthropoda : Isopoda			
<i>Edotea triloba (Epi.)</i>	13	295	
Echinodermata : Holothuroidea			
<i>Pentamera pulcherrima</i>	2	45	
Mollusca : Bivalvia			
<i>Aligena elevata</i>	1	23	
<i>Bivalvia *</i>	3	68	
<i>Mulinia lateralis</i>	3	68	
<i>Tagelus divisus</i>	3	68	
<i>Tellina agilis</i>	1	23	
Mollusca : Gastropoda			
<i>Turbanilla spp. (Epi.)</i>	13	295	
Nemertina			
<i>Nemertina</i>	2	45	
Number of Taxa w/ Epi.	38		
Number of Taxa w/o Epi.	34		
Total Count w/ Epi.	626		
Total Count w/o Epi.	590		
Total Abundance w/ Epi.		14227	
Total Abundance w/o Epi.		13409	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0040			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Laeonereis culveri	1		23
Mediomastus spp.	1		23
Neanthes succinea	5		114
Streblospio benedicti	1		23
Number of Taxa w/ Epi.	4		
Number of Taxa w/o Epi.	4		
Total Count w/ Epi.	8		
Total Count w/o Epi.	8		
Total Abundance w/ Epi.			182
Total Abundance w/o Epi.			182

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0041			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	42		955
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	3		68
Carazziella hobsonae	19		432
Clymenella torquata	36		818
Cossura sp. A Maciolek	14		318
Demonax microphthalmus	2		45
Euclymene zonalis	13		295
Exogone dispar	28		636
Glycera americana	2		45
Glycinde solitaria	12		273
Heteromastus filiformis	1		23
Leitoscoloplos robustus	9		205
Leitoscoloplos spp. *	2		45
Loimia medusa	1		23
Mediomastus ambiseta	49		1114
Mediomastus spp. *	140		3182
Notomastus sp. A Ewing	4		91
Paraprionospio pinnata	1		23
Podarkeopsis levifuscina	2		45
Polydora cornuta	13		295
Sabaco elongatus	9		205
Sphaerosyllis brevidentata	5		114
Spiochaetopterus costarum	20		455
Streblospio benedicti	13		295
Arthropoda : Amphipoda			
Ampelisca abdita	13		295
Ampelisca vadorum	1		23
Ampelisca verrilli	5		114
Elasmopus laevis (Epi.)	3		68
Erichthonus brasiliensis (Epi.)	1		23
Listriella barnardi	24		545
Microprotopus raneyi (Epi.)	1		23
Monocorophium tuberculatum (Epi.)	1		23
Mucrogammarus mucronatus (Epi.)	6		136
Paracaprella tenuis (Epi.)	11		250
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Leucon americanus	2		45
Arthropoda : Isopoda			
Edotea triloba (Epi.)	6		136
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Spisula solidissima	1		23
Tagelus divisus	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Haminoea solitaria	1		23
Rictaxis punctostriatus	4		91
Turbonilla spp. (Epi.)	16		364
Nemertina			
Nemertina	2		45
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	44		
Number of Taxa w/o Epi.	35		
Total Count w/ Epi.	545		
Total Count w/o Epi.	499		
Total Abundance w/ Epi.			12386
Total Abundance w/o Epi.			11341

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0042			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	2		45
Glycinde solitaria	4		91
Leitoscoloplos robustus	8		182
Mediomastus ambiseta	38		864
Mediomastus spp. *	15		341
Notomastus sp. A Ewing	8		182
Parahesione luteola	1		23
Paraprinionospio pinnata	8		182
Podarkeopsis levifuscina	3		68
Sabaco elongatus	10		227
Spiochaetopterus costarum	5		114
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	15		341
Listriella barnardi	48		1091
Monocorophium tuberculatum (Epi.)	3		68
Arthropoda : Cumacea			
Leucon americanus	25		568
Arthropoda : Decapoda			
Ogyrides alphaerostris	3		68
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Mollusca : Bivalvia			
Tellinidae	8		182
Mollusca : Gastropoda			
Nassarius vibex	1		23
Turbonilla spp. (Epi.)	9		205
Nemertina			
Nemertina	2		45
Number of Taxa w/ Epi.	21		
Number of Taxa w/o Epi.	18		
Total Count w/ Epi.	218		
Total Count w/o Epi.	205		
Total Abundance w/ Epi.			4955
Total Abundance w/o Epi.			4659

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0043			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cirratulidae	1		23
Clymenella torquata	1		23
Diopatra cuprea	1		23
Glycera americana	2		45
Glycinde solitaria	7		159
Heteromastus filiformis	3		68
Leitoscoloplos robustus	3		68
Mediomastus ambiseta	66		1500
Mediomastus spp. *	19		432
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	5		114
Ampelisca verrilli	3		68
Listriella barnardi	3		68
Monocorophium tuberculatum (Epi.)	2		45
Paracaprella tenuis (Epi.)	2		45
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Oxyurostylis smithi	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tellina agilis	3		68
Mollusca : Gastropoda			
Acteocina canaliculata	2		45
Odostomia engonia (Epi.)	1		23
Rictaxis punctostriatus	1		23
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	23		
Number of Taxa w/o Epi.	20		
Total Count w/ Epi.	133		
Total Count w/o Epi.	128		
Total Abundance w/ Epi.			3023
Total Abundance w/o Epi.			2909

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0044			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	7		159
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	4		91
Brania wellfleetensis	1		23
Capitella capitata complex	2		45
Clymenella torquata	1		23
Exogone dispar	12		273
Glycinde solitaria	3		68
Leitoscoloplos spp.	1		23
Mediomastus ambiseta	60		1364
Mediomastus spp. *	55		1250
Onuphidae	1		23
Prionospio heterobranchia	4		91
Proceraea cornuta (Epi.)	1		23
Scolelepis texana	1		23
Scoletoma tenuis	2		45
Spiochaetopterus costarum	4		91
Streblospio benedicti	5		114
Tharyx sp. A Morris	4		91
Arthropoda : Amphipoda			
Ampelisca vadorum	1		23
Ampithoe longimana (Epi.)	5		114
Batea catharinensis (Epi.)	2		45
Caprella penantis (Epi.)	1		23
Elasmopus laevis (Epi.)	6		136
Ericthonius brasiliensis (Epi.)	2		45
Gitanopsis tortugae (Epi.)	2		45
Listriella barnardi	3		68
Lysianopsis alba	1		23
Microporopodus raneyi (Epi.)	15		341
Monocorophium tuberculatum (Epi.)	3		68
Paracaprella tenuis (Epi.)	69		1568
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Erichsonella filiformis (Epi.)	2		45
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	2		45
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Solemya velum	1		23
Mollusca : Gastropoda			
Nudibranchia (Epi.)	14		318
Ricciaria punctostriatus	1		23
Nemertina			
Nemertina	11		250
Number of Taxa w/ Epi.	38		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	313		
Total Count w/o Epi.	188		
Total Abundance w/ Epi.			7114
Total Abundance w/o Epi.			4273

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0045			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Eteone foliosa	1	23	
Glycinde solitaria	13	295	
Leitoscoloplos robustus	11	250	
Mediomastus ambiseta	7	159	
Mediomastus spp. *	18	409	
Nearthes arenaceodentata	1	23	
Notomastus sp. A Ewing	4	91	
Paraprionospio pinnata	6	136	
Phyllodoce arenae	1	23	
Podarkeopsis levifuscina	1	23	
Polydora cornuta	1	23	
Sabaco elongatus	1	23	
Spiochaetopterus costarum	1	23	
Streblospio benedicti	1	23	
Arthropoda : Amphipoda			
Ampelisca abdita	2	45	
Ampelisca vadorum	1	23	
Listriella barnardi	21	477	
Arthropoda : Cumacea			
Leucon americanus	13	295	
Arthropoda : Decapoda			
Ogyrides alphaerostris	2	45	
Arthropoda : Mysidacea			
Mysidae (Epi.)	1	23	
Mollusca : Bivalvia			
Tagelus divisus	2	45	
Tellinidae	1	23	
Mollusca : Gastropoda			
Nassarius vibex	2	45	
Number of Taxa w/ Epi.	22		
Number of Taxa w/o Epi.	21		
Total Count w/ Epi.	112		
Total Count w/o Epi.	111		
Total Abundance w/ Epi.		2545	
Total Abundance w/o Epi.		2523	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0046			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Eteone heteropoda	1		23
Streblospio benedicti	150		3409
Arthropoda : Amphipoda			
Listriella barnardi	1		23
Arthropoda : Cumacea			
Leucon americanus	1		23
Mollusca : Gastropoda			
Turbanilla spp. (Epi.)	2		45
Number of Taxa w/ Epi.	5		
Number of Taxa w/o Epi.	4		
Total Count w/ Epi.	155		
Total Count w/o Epi.	153		
Total Abundance w/ Epi.			3523
Total Abundance w/o Epi.			3477

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0047			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	11		250
Oligochaeta	1		23
Annelida : Polychaeta	4		91
Brania clavata	3		68
Clymenella torquata	6		136
Cossura sp. A Maciolek	1		23
Demonax microphthalmus	20		455
Diopatra cuprea	2		45
Euclymene zonalis	11		250
Exogone dispar	2		45
Glycera americana	2		45
Glycinde solitaria	16		364
Heteromastus filiformis	31		705
Leitoscoloplos robustus	16		364
Mediomastus ambiseta	1		23
Mediomastus spp. *	1		23
Notomastus sp. A Ewing	1		23
Polycirrus eximius	1		23
Polydora cornuta	4		91
Spiochaetopterus costarum	2		45
Streblospio benedicti	1		45
Arthropoda : Amphipoda	1		23
Ampelisca vadorum	6		136
Elasmopus laevis (Epi.)	7		159
Listriella barnardi	5		114
Paracaprella tenuis (Epi.)			
Arthropoda : Cumacea	2		45
Leucon americanus	1		23
Oxyurostylis smithi			
Arthropoda : Decapoda	1		23
Xanthidae (Epi.)			
Arthropoda : Isopoda	3		68
Edotea triloba (Epi.)			
Mollusca : Bivalvia	1		23
Mulinia lateralis	1		23
Tagelus divisus			
Mollusca : Gastropoda	1		23
Astyris lunata (Epi.)	1		23
Gastropoda (Epi.)	1		23
Turbanilla interrupta (Epi.)			
Nemertina	4		91
Nemertina			
Number of Taxa w/ Epi.	32		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	170		
Total Count w/o Epi.	152		
Total Abundance w/ Epi.			3864
Total Abundance w/o Epi.			3455

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0048			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cirratulidae *	4		91
Glycinde solitaria	4		91
Leitoscoloplos robustus	4		91
Maldanidae	1		23
Mediomastus ambiseta	25		568
Mediomastus spp. *	12		273
Notomastus sp. A Ewing	2		45
Scolelepis texana	2		45
Streblospio benedicti	3		68
Tharyx sp. A Morris	3		68
Arthropoda : Amphipoda			
Ampelisca abdita	5		114
Arthropoda : Cumacea			
Oxyurostylis smithi	5		114
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Naticidae	1		23
Rictaxis punctostriatus	1		23
Number of Taxa w/ Epi.	13		
Number of Taxa w/o Epi.	13		
Total Count w/ Epi.	73		
Total Count w/o Epi.	73		
Total Abundance w/ Epi.			1659
Total Abundance w/o Epi.			1659

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0049			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	22		500
Oligochaeta			
Annelida : Polychaeta			
Carazziella hobsonae	6		136
Clymenella torquata	16		364
Cossura sp. A Maciolek	2		45
Euclymene zonalis	10		227
Exogone dispar	11		250
Glycera americana	3		68
Glycinde solitaria	19		432
Leitoscoloplos robustus	1		23
Maldanidae *	2		45
Mediomastus ambiseta	30		682
Mediomastus spp. *	17		386
Nephtys incisa	1		23
Paraprionospio pinnata	1		23
Podarkeopsis levifuscina	1		23
Polydora cornuta	1		23
Sabaco elongatus	4		91
Scoletoma tenuis	2		45
Spiochaetopterus costarum	7		159
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	20		455
Listriella barnardi	27		614
Monocorophium tuberculatum (Epi.)	1		23
Unciola serrata	2		45
Arthropoda : Cumacea			
Leucon americanus	1		23
Oxyurostylis smithi	2		45
Mollusca : Bivalvia			
Aligena elevata	1		23
Mulinia lateralis	2		45
Solemya velum	1		23
Tagelus divisus	2		45
Mollusca : Gastropoda			
Turbanilla interrupta (Epi.)	3		68
Nemertina			
Nemertina	3		68
Number of Taxa w/ Epi.	30		
Number of Taxa w/o Epi.	28		
Total Count w/ Epi.	222		
Total Count w/o Epi.	218		
Total Abundance w/ Epi.			5045
Total Abundance w/o Epi.			4955

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0050			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	22		500
Oligochaeta			
Annelida : Polychaeta			
Carazziella hobsonae	58	1318	
Euclymene zonalis	3	68	
Exogone dispar	2	45	
Glycinde solitaria	18	409	
Heteromastus filiformis	1	23	
Leitoscoloplos robustus	7	159	
Mediomastus ambiseta	12	273	
Mediomastus spp. *	177	4023	
Nephtys incisa	2	45	
Nereididae	1	23	
Notomastus sp. A Ewing	3	68	
Parapriionospio pinnata	3	68	
Podarkeopsis levifuscina	2	45	
Sabaco elongatus	2	45	
Scoletoma tenuis	2	45	
Spiochaetopterus costarum	1	23	
Streblospio benedicti	1	23	
Arthropoda : Amphipoda			
Ampelisca abdita	5	114	
Cerapus tubularis (Epi.)	2	45	
Listriella barnardi	58	1318	
Monocorophium tuberculatum (Epi.)	10	227	
Paracaprella tenuis (Epi.)	1	23	
Unciola serrata	3	68	
Arthropoda : Cumacea			
Leucon americanus	13	295	
Oxyurostylis smithi	1	23	
Mollusca : Bivalvia			
Mulinia lateralis	1	23	
Mollusca : Gastropoda			
Acteocina canaliculata	1	23	
Gastropoda *	1	23	
Odostomia spp. (Epi.)	1	23	
Turbanilla interrupta (Epi.)	8	182	
Nemertina			
Nemertina	1	23	
Phoronida			
Phoronis spp.	5	114	
Number of Taxa w/ Epi.	31		
Number of Taxa w/o Epi.	26		
Total Count w/ Epi.	428		
Total Count w/o Epi.	405		
Total Abundance w/ Epi.		9727	
Total Abundance w/o Epi.		9205	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0051			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	21		477
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	22		500
Capitella capitata complex	35		795
Carazziella hobsonae	1		23
Clymenella torquata	5		114
Demonax microphthalmus	1		23
Diopatra cuprea	1		23
Exogone dispar	49		1114
Glycinde solitaria	1		23
Heteromastus filiformis	9		205
Leitoscoloplos robustus	16		364
Mediomastus ambiseta	60		1364
Mediomastus spp. *	104		2364
Odontosyllis fulgurans (Epi.)	10		227
Pista palmata	2		45
Polydora cornuta	9		205
Prionospio heterobranchia	4		91
Sabaco elongatus	2		45
Scoletoma tenuis	5		114
Sphaerosyllis brevidentata	9		205
Spiochaetopterus costarum	9		205
Streblospio benedicti	32		727
Syllides verrilli	4		91
Tharyx sp. A Morris	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	11		250
Ampelisca vadorum	1		23
Apocorophium acutum (Epi.)	1		23
Cymadusa compta (Epi.)	10		227
Elasmopus laevis (Epi.)	6		136
Gitanopsis tortugae (Epi.)	2		45
Listriella barnardi	3		68
Microdeutopus gryllotalpa (Epi.)	35		795
Micropotopius raneyi (Epi.)	6		136
Paracaprella tenuis (Epi.)	160		3636
Arthropoda : Cumacea			
Oxyurostylis smithi	6		136
Arthropoda : Decapoda			
Hippolyte pleuracantha (Epi.)	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	10		227
Erichsonella attenuata (Epi.)	2		45
Erichsonella filiformis (Epi.)	18		409
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	5		114
Chordata : Ascidiacea			
Ascidiae (Epi.)	1		23
Perophora viridis (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	7		159
Mollusca : Bivalvia			
Gemma gemma	19		432

Continued . . .

(Station: MD03-0051 Contd.)

TAXA		Count	Abundance (#/m2)
Solemya velum		1	23
Tellina agilis		1	23
Mollusca : Gastropoda			
Bittium alternatum (Epi.)		1	23
Crepidula spp. (Epi.)		4	91
Gastropoda *		2	45
Nassarius trivittatus		1	23
Nudibranchia (Epi.)		2	45
Odostomia engonia (Epi.)		5	114
Rictaxis punctostriatus		1	23
Nemertina			
Nemertina		21	477
Phoronida			
Phoronis spp.		1	23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)		1	23
=====			
Number of Taxa w/ Epi.		54	
Number of Taxa w/o Epi.		34	
Total Count w/ Epi.		759	
Total Count w/o Epi.		476	
Total Abundance w/ Epi.			17250
Total Abundance w/o Epi.			10818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0052			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Carazziella hobsonae	2		45
Clymenella torquata	1		23
Dorvillea rudolphi	1		23
Euclymene zonalis	8		182
Exogone dispar	3		68
Glycera americana	2		45
Glycinde solitaria	24		545
Heteromastus filiformis	1		23
Leitoscoloplos robustus	8		182
Mediomastus ambiseta	6		136
Mediomastus spp. *	121		2750
Nephtys incisa	1		23
Notomastus sp. A Ewing	8		182
Paraprionospio pinnata	2		45
Polydora cornuta	1		23
Sabaco elongatus	9		205
Scoletoma tenuis	8		182
Sphaerosyllis brevidentata	1		23
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	6		136
Cerapus tubularis (Epi.)	2		45
Listriella barnardi	39		886
Monocorophium tuberculatum (Epi.)	4		91
Unciola serrata	3		68
Arthropoda : Cumacea			
Leucon americanus	6		136
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	2		45
Cnidaria : Anthozoa			
Anthozoa	1		23
Mollusca : Bivalvia			
Tellina agilis	1		23
Mollusca : Gastropoda			
Gastropoda (Epi.)	1		23
Turbonilla spp. (Epi.)	2		45
Nemertina			
Nemertina	2		45
Phoronida			
Phoronis spp.	3		68
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	28		
Total Count w/ Epi.	282		
Total Count w/o Epi.	271		
Total Abundance w/ Epi.			6409
Total Abundance w/o Epi.			6159

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0053			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Asabellides oculata	1		23
Carazziella hobsonae	14		318
Clymenella torquata	3		68
Cossura sp. A Maciolek	9		205
Euclymene zonalis	13		295
Glycera americana	1		23
Glycinde solitaria	9		205
Leitoscoloplos robustus	5		114
Mediomastus ambiseta	12		273
Mediomastus spp. *	149		3386
Nephtys incisa	2		45
Notomastus sp. A Ewing	3		68
Parapriionospio pinnata	9		205
Phyllodoce arenae	1		23
Podarkeopsis levifuscina	1		23
Sabaco elongatus	7		159
Spiochaetopterus costarum	3		68
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Ampelisca verrilli	1		23
Listriella barnardi	48		1091
Monocorophium tuberculatum (Epi.)	2		45
Arthropoda : Cumacea			
Leucon americanus	3		68
Mollusca : Gastropoda			
Turbonilla spp. (Epi.)	1		23
Nemertina			
Nemertina	2		45
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	2		45
Number of Taxa w/ Epi.	26		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	305		
Total Count w/o Epi.	300		
Total Abundance w/ Epi.			6932
Total Abundance w/o Epi.			6818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0054			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	1		23
Oligochaeta			
Annelida : Polychaeta			
Apoprionospio pygmaea	1		23
Cirratulidae *	21		477
Clymenella torquata	1		23
Glycinde solitaria	2		45
Heteromastus filiformis	2		45
Leitoscoloplos robustus	1		23
Maldanidae *	2		45
Mediomastus ambiseta	2		45
Streblospio benedicti	19		432
Tharyx sp. A Morris	13		295
Arthropoda : Amphipoda			
Ameroculodes species complex	2		45
Ampelisca abdita	2		45
Listriella barnardi	4		91
Microprotopus raneyi (Epi.)	4		91
Monocorophium tuberculatum (Epi.)	1		23
Paracaprella tenuis (Epi.)	4		91
Arthropoda : Cumacea			
Oxyurostylis smithi	4		91
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Hemichordata			
Saccoglossus kowalevskii	1		23
Mollusca : Bivalvia			
Spisula solidissima	2		45
Teilia agilis	1		23
Mollusca : Gastropoda			
Nudibranchia (Epi.)	3		68
Number of Taxa w/ Epi.	22		
Number of Taxa w/o Epi.	17		
Total Count w/ Epi.	95		
Total Count w/o Epi.	82		
Total Abundance w/ Epi.			2159
Total Abundance w/o Epi.			1864

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0055			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Apoprionospio pygmaea	1		23
Cirratulidae *	10		227
Leitoscoloplos spp.	3		68
Maldanidae	1		23
Mediomastus ambiseta	12		273
Mediomastus spp. *	10		227
Streblospio benedicti	7		159
Tharyx sp. A Morris	5		114
Arthropoda : Amphipoda			
Ameroculodes species complex	2		45
Ampelisca abdita	8		182
Listriella barnardi	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	5		114
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	1		23
Mollusca : Bivalvia			
Mulinia lateralis	4		91
Tellina agilis	6		136
Mollusca : Gastropoda			
Odostomia engonia (Epi.)	2		45
Number of Taxa w/ Epi.	14		
Number of Taxa w/o Epi.	12		
Total Count w/ Epi.	78		
Total Count w/o Epi.	75		
Total Abundance w/ Epi.			1773
Total Abundance w/o Epi.			1705

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0056			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	2		45
Eteone heteropoda	1		23
Streblospio benedicti	89		2023
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Mollusca : Gastropoda			
Odostomia engonia (Epi.)	1		23
Number of Taxa w/ Epi.	5		
Number of Taxa w/o Epi.	4		
Total Count w/ Epi.	94		
Total Count w/o Epi.	93		
Total Abundance w/ Epi.			2136
Total Abundance w/o Epi.			2114

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0057			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	3		68
Annelida : Polychaeta			
Carazziella hobsonae	7		159
Ceratonereis irritabilis	1		23
Clymenella torquata	2		45
Cossura sp. A Maciolek	1		23
Euclymene zonalis	11		250
Glycinde solitaria	5		114
Heteromastus filiformis	1		23
Leitoscoloplos robustus	5		114
Mediomastus ambiseta	2		45
Mediomastus spp. *	17		386
Nephtys incisa	6		136
Notomastus sp. A Ewing	3		68
Parapriionospio pinnata	3		68
Podarkeopsis levifuscina	1		23
Prionospio perkinsi	2		45
Sabaco elongatus	3		68
Spiochaetopterus costarum	15		341
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Listriella barnardi	17		386
Listriella clymenellae	1		23
Mollusca : Bivalvia			
Bivalvia	1		23
Tellina agilis	1		23
Mollusca : Gastropoda			
Turbonilla interrupta (Epi.)	2		45
Phoronida			
Phoronis spp.	1		23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	3		68
Number of Taxa w/ Epi.	25		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	115		
Total Count w/o Epi.	110		
Total Abundance w/ Epi.			2614
Total Abundance w/o Epi.			2500

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0058			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Brania clavata	1		23
Clymenella torquata	7		159
Cossura sp. A Maciolek	4		91
Demonax microphthalminus	11		250
Eteone heteropoda	2		45
Euclymene zonalis	13		295
Exogone dispar	11		250
Glycinde solitaria	3		68
Leitoscoloplos robustus	14		318
Mediomastus ambiseta	142		3227
Mediomastus spp. *	69		1568
Neanthes succinea	1		23
Notomastus sp. A Ewing	5		114
Onuphidae	1		23
Pista spp.	1		23
Polydora cornuta	18		409
Sabaco elongatus	2		45
Scoletoma tenuis	2		45
Spiochaetopterus costarum	1		23
Streblospio benedicti	216		4909
Tharyx sp. A Morris	39		886
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Monocorophium tuberculatum (Epi.)	1		23
Paracaprella tenuis (Epi.)	2		45
Chordata : Ascidiacea			
Molgula manhattensis (Epi.)	7		159
Mollusca : Bivalvia			
Bivalvia *	1		23
Gemma gemma	2		45
Mulinia lateralis	2		45
Tagelus divisus	2		45
Tellina agilis	2		45
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	2		45
Rictaxis punctostriatus	1		23
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	29		
Total Count w/ Epi.	592		
Total Count w/o Epi.	580		
Total Abundance w/ Epi.			13455
Total Abundance w/o Epi.			13182

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0059			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Brania clavata	1		23
Carazziella hobsonae	72		1636
Cossura sp. A Maciolek	3		68
Euclymene zonalis	1		23
Exogone dispar	6		136
Glycera americana	1		23
Glycinde solitaria	11		250
Leitoscoloplos robustus	4		91
Mediomastus ambiseta	36		818
Mediomastus spp. *	98		2227
Melinna maculata	1		23
Nephtys incisa	1		23
Sabaco elongatus	4		91
Scoletoma tenuis	1		23
Spiochaetopterus costarum	5		114
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Listriella barnardi	30		682
Monocorophium tuberculatum (Epi.)	1		23
Paracaprella tenuis (Epi.)	1		23
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Nucula spp.	1		23
Mollusca : Gastropoda			
Haminoea solitaria	2		45
Turbanilla interrupta (Epi.)	6		136
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	3		68
Number of Taxa w/ Epi.	26		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	298		
Total Count w/o Epi.	290		
Total Abundance w/ Epi.			6773
Total Abundance w/o Epi.			6591

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0060			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	7		159
Oligochaeta			
Annelida : Polychaeta			
Asabellides oculata	1		23
Carazziella hobsonae	3		68
Clymenella torquata	2		45
Cossura sp. A Maciolek	9		205
Euclymene zonalis	4		91
Glycera americana	1		23
Glycinde solitaria	12		273
Leitoscoloplos robustus	1		23
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	34		773
Mediomastus spp. *	85		1932
Nephrys incisa	4		91
Notomastus sp. A Ewing	1		23
Owenia fusiformis	1		23
Paraprionospio pinnata	1		23
Pectinaria gouldii	1		23
Spiochaetopterus costarum	10		227
Streblospio benedicti	9		205
Arthropoda : Amphipoda			
Ampelisca abdita	4		91
Listriella barnardi	9		205
Monocorophium tuberculatum (Epi.)	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	8		182
Arthropoda : Mysidacea			
Neomysis americana (Epi.)	1		23
Mollusca : Bivalvia			
Bivalvia	1		23
Mulinia lateralis	2		45
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	1		23
Turbonilla interrupta (Epi.)	7		159
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	27		
Number of Taxa w/o Epi.	22		
Total Count w/ Epi.	222		
Total Count w/o Epi.	211		
Total Abundance w/ Epi.			5045
Total Abundance w/o Epi.			4795

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0061			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Carazziella hobsonae	2		45
Clymenella torquata	1		23
Cossura sp. A Maciolek	25		568
Dorvillea rudolphi	1		23
Euclymene zonalis	4		91
Glycinde solitaria	9		205
Leitoscoloplos robustus	3		68
Mediomastus ambiseta	49		1114
Mediomastus spp. *	106		2409
Nephtys incisa	4		91
Owenia fusiformis	1		23
Parapriionospio pinnata	8		182
Phyllodoce arenae	2		45
Sphaerosyllis brevidentata	1		23
Spiochaetopterus costarum	18		409
Streblospio benedicti	3		68
Arthropoda : Amphipoda			
Ampelisca abdita	11		250
Listriella barnardi	17		386
Monocorophium tuberculatum (Epi.)	2		45
Arthropoda : Cumacea			
Leucon americanus	1		23
Oxyurostylis smithi	11		250
Arthropoda : Decapoda			
Pagurus spp. (Epi.)	1		23
Arthropoda : Pycnogonida			
Anoplodactylus petiolatus (Epi.)	4		91
Mollusca : Bivalvia			
Mulinia lateralis	4		91
Nucula proxima	5		114
Tellina agilis	4		91
Mollusca : Gastropoda			
Acteocina canaliculata	2		45
Turbonilla interrupta (Epi.)	1		23
Nemertina			
Nemertina	7		159
Number of Taxa w/ Epi.	29		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	309		
Total Count w/o Epi.	301		
Total Abundance w/ Epi.			7023
Total Abundance w/o Epi.			6841

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0062			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Apoprionospio pygmaea	1		23
Cirratulidae	1		23
Cossura sp. A Maciolek	1		23
Leitoscoloplos robustus	1		23
Mediomastus ambiseta	26		591
Mediomastus spp. *	24		545
Streblospio benedicti	2		45
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Mollusca : Bivalvia			
Ensis directus	1		23
Tellina agilis	21		477
Number of Taxa w/ Epi.	9		
Number of Taxa w/o Epi.	9		
Total Count w/ Epi.	80		
Total Count w/o Epi.	80		
Total Abundance w/ Epi.			1818
Total Abundance w/o Epi.			1818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0063			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	2		45
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Rhepoxynius hudsoni	1		23
Number of Taxa w/ Epi.	3		
Number of Taxa w/o Epi.	3		
Total Count w/ Epi.	5		
Total Count w/o Epi.	5		
Total Abundance w/ Epi.			114
Total Abundance w/o Epi.			114

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0064			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Cirratulidae *	2		45
Euclymene zonalis	7		159
Exogone dispar	11		250
Glycera americana	1		23
Glycinde solitaria	11		250
Leitoscoloplos robustus	7		159
Mediomastus ambiseta	38		864
Mediomastus spp. *	15		341
Notomastus sp. A Ewing	1		23
Scoletoma tenuis	3		68
Sphaerosyllis brevidentata	1		23
Spiochaetopterus costarum	2		45
Streblospio benedicti	12		273
Tharyx sp. A Morris	5		114
Arthropoda : Amphipoda			
Ampelisca abdita	12		273
Ampelisca verrilli	2		45
Listriella barnardi	14		318
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	2		45
Arthropoda : Mysidacea			
Americamysis spp. (Epi.)	1		23
Hemichordata			
Saccoglossus kowalevskii	1		23
Mollusca : Bivalvia			
Gemma gemma	4		91
Macoma tenta	1		23
Mulinia lateralis	4		91
Tagelus divisus	4		91
Tellina agilis	8		182
Mollusca : Gastropoda			
Rictaxis punctostriatus	7		159
Turbonilla interrupta (Epi.)	1		23
Number of Taxa w/ Epi.	27		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	180		
Total Count w/o Epi.	176		
Total Abundance w/ Epi.			4091
Total Abundance w/o Epi.			4000

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0065			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Cossura sp. A Maciolek	10		227
Euclymene zonalis	2		45
Exogone dispar	8		182
Glycera americana	1		23
Glycinde solitaria	7		159
Leitoscoloplos robustus	7		159
Leitoscoloplos spp. *	2		45
Maldanidae *	1		23
Mediomastus ambiseta	138		3136
Mediomastus spp. *	140		3182
Owenia fusiformis	1		23
Paraprionospio pinnata	2		45
Scoletoma tenuis	1		23
Spiochaetopterus costarum	3		68
Streblospio benedicti	6		136
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	20		455
Ampelisca verrilli	8		182
Cerapus tubularis (Epi.)	3		68
Listriella barnardi	3		68
Arthropoda : Cumacea			
Oxyurostylis smithi	7		159
Arthropoda : Decapoda			
Crangon septemspinosa (Epi.)	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	2		45
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tellina agilis	7		159
Mollusca : Gastropoda			
Acteocina canaliculata	3		68
Nudibranchia (Epi.)	1		23
Odostomia spp. (Epi.)	1		23
Rictaxis punctostriatus	1		23
Turbonilla spp. (Epi.)	1		23
Nemertina			
Nemertina	6		136
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	31		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	398		
Total Count w/o Epi.	388		
Total Abundance w/ Epi.			9045
Total Abundance w/o Epi.			8818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0066			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Apoprionospio pygmaea	4		91
Cirratulidae *	3		68
Leitoscoloplos robustus	1		23
Maldanidae	1		23
Mediomastus spp.	1		23
Scolelepis texana	1		23
Spiochaetopterus costarum	2		45
Streblospio benedicti	1		23
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Listriella barnardi	2		45
Monocorophium tuberculatum (Epi.)	1		23
Rhepoxynius hudsoni	10		227
Arthropoda : Cumacea			
Oxyurostylis smithi	5		114
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tellina agilis	13		295
Number of Taxa w/ Epi.	15		
Number of Taxa w/o Epi.	14		
Total Count w/ Epi.	49		
Total Count w/o Epi.	48		
Total Abundance w/ Epi.			1114
Total Abundance w/o Epi.			1091

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0067			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Capitella capitata complex	56		1273
Leitoscoloplos robustus	3		68
Mediomastus spp.	2		45
Neanthes arenaceodentata	7		159
Streblospio benedicti	76		1727
Arthropoda : Amphipoda			
Cymadusa compta (Epi.)	1		23
Monocorophium tuberculatum (Epi.)	2		45
Rhepoxynius hudsoni	1		23
Mollusca : Bivalvia			
Gemma gemma	22		500
Number of Taxa w/ Epi.	9		
Number of Taxa w/o Epi.	7		
Total Count w/ Epi.	170		
Total Count w/o Epi.	167		
Total Abundance w/ Epi.			3864
Total Abundance w/o Epi.			3795

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0068			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Apoprionospio pygmaea	3		68
Cirratulidae *	1		23
Mediomastus ambiseta	33		750
Mediomastus spp. *	10		227
Streblospio benedicti	6		136
Tharyx sp. A Morris	4		91
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Solemya velum	1		23
Tellina agilis	7		159
Mollusca : Gastropoda			
Haminoea solitaria	1		23
Odostomia engonia (Epi.)	1		23
Number of Taxa w/ Epi.	12		
Number of Taxa w/o Epi.	10		
Total Count w/ Epi.	72		
Total Count w/o Epi.	70		
Total Abundance w/ Epi.			1636
Total Abundance w/o Epi.			1591

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0069			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	17		386
Oligochaeta			
Annelida : Polychaeta			
Arabella iricolor	1		23
Brania clavata	7		159
Clymenella torquata	8		182
Eteone heteropoda	1		23
Euclymene zonalis	51		1159
Exogone dispar	38		864
Glycinde solitaria	10		227
Heteromastus filiformis	9		205
Leitoscoloplos robustus	8		182
Leitoscoloplos spp. *	1		23
Marpysa sanguinea	2		45
Mediomastus ambiseta	86		1955
Mediomastus spp. *	44		1000
Notomastus sp. A Ewing	9		205
Phyllodoce arenae	1		23
Podarkeopsis levifuscina	2		45
Polydora cornuta	3		68
Prionospio heterobranchia	1		23
Sabaco elongatus	13		295
Scoletoma tenuis	103		2341
Sphaerosyllis brevidentata	23		523
Streblospio benedicti	59		1341
Arthropoda : Amphipoda			
Ampelisca abdita	16		364
Ampelisca vadorum	1		23
Elasmopus laevis (Epi.)	10		227
Erichthionius brasiliensis (Epi.)	1		23
Listriella barnardi	1		23
Lysianopsis alba	15		341
Microdeutopus gryllotalpa (Epi.)	3		68
Mucrogammarus mucronatus (Epi.)	6		136
Paracaprella tenuis (Epi.)	41		932
Unciola serrata	1		23
Arthropoda : Cumacea			
Leucon americanus	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	26		591
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	1		23
Nemertina			
Nemertina	3		68
Number of Taxa w/ Epi.	35		
Number of Taxa w/o Epi.	28		
Total Count w/ Epi.	623		
Total Count w/o Epi.	535		
Total Abundance w/ Epi.			14159
Total Abundance w/o Epi.			12159

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0070			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Amastigos caperatus	2		45
Cirratulidae *	5		114
Drilonereis longa	1		23
Glycinde solitaria	1		23
Leitoscoloplos robustus	1		23
Mediomastus californiensis	7		159
Mediomastus spp. *	14		318
Phyllodoce arenae	1		23
Scolelepis texana	1		23
Tharyx sp. A Morris	2		45
Arthropoda : Amphipoda			
Rhepoxynius hudsoni	2		45
Mollusca : Bivalvia			
Tellina agilis	12		273
Mollusca : Gastropoda			
Gastropoda (Epi.)	2		45
Number of Taxa w/ Epi.	12		
Number of Taxa w/o Epi.	11		
Total Count w/ Epi.	53		
Total Count w/o Epi.	51		
Total Abundance w/ Epi.			1205
Total Abundance w/o Epi.			1159

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0071			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	3		68
Annelida : Polychaeta			
Amastigos caperatus	6		136
Apoprionospio pygmaea	8		182
Exogone dispar	3		68
Leitoscoloplos spp.	1		23
Maldanidae	2		45
Mediomastus ambiseta	23		523
Mediomastus spp. *	5		114
Tharyx sp. A Morris	14		318
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	5		114
Arthropoda : Decapoda			
Crangon septemspinosa (Epi.)	1		23
Mollusca : Bivalvia			
Tellina agilis	9		205
Mollusca : Gastropoda			
Kurtziella atrostyla (Epi.)	1		23
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	14		
Number of Taxa w/o Epi.	12		
Total Count w/ Epi.	83		
Total Count w/o Epi.	81		
Total Abundance w/ Epi.			1886
Total Abundance w/o Epi.			1841

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0072			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	30	682	
Annelida : Polychaeta			
Capitella capitata complex	11	250	
Cossura sp. A Maciolek	1	23	
Heteromastus filiformis	4	91	
Mediomastus ambiseta	1	23	
Mediomastus spp. *	8	182	
Spiochaetopterus costarum	2	45	
Streblospio benedicti	37	841	
Arthropoda : Mysidacea			
Neomysis americana (Epi.)	1	23	
Number of Taxa w/ Epi.	8		
Number of Taxa w/o Epi.	7		
Total Count w/ Epi.	95		
Total Count w/o Epi.	94		
Total Abundance w/ Epi.		2159	
Total Abundance w/o Epi.		2136	

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0073			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Amastigos caperatus	1		23
Capitella capitata complex	1		23
Caulleriella sp. B (Blake)	1		23
Cirratulidae *	1		23
Clymenella torquata	1		23
Leitoscoloplos robustus	1		23
Maldanidae *	1		23
Nephtys picta	12		273
Scolelepis texana	1		23
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ameroculodes species complex	7		159
Rhepoxynius hudsoni	3		68
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Mollusca : Bivalvia			
Tellina agilis	4		91
Mollusca : Gastropoda			
Gastropoda (Epi.)	1		23
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	15		
Number of Taxa w/o Epi.	14		
Total Count w/ Epi.	41		
Total Count w/o Epi.	40		
Total Abundance w/ Epi.			932
Total Abundance w/o Epi.			909

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0074			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cossura sp. A Maciolek	4		91
Glycinde solitaria	5		114
Leitoscoloplos robustus	33		750
Mediomastus ambiseta	39		886
Mediomastus spp. *	23		523
Notomastus sp. A Ewing	1		23
Scoletoma tenuis	1		23
Spiochaetopterus costarum	2		45
Streblospio benedicti	33		750
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Elasmopus laevis (Epi.)	2		45
Listriella barnardi	4		91
Arthropoda : Cumacea			
Leucon americanus	42		955
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tellinidae	4		91
Mollusca : Gastropoda			
Haminoea solitaria	3		68
Rictaxis punctostriatus	1		23
Number of Taxa w/ Epi.	16		
Number of Taxa w/o Epi.	15		
Total Count w/ Epi.	199		
Total Count w/o Epi.	197		
Total Abundance w/ Epi.			4523
Total Abundance w/o Epi.			4477

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0075			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Caulieriella spp.	1		23
Neptys bucera	1		23
Arthropoda : Amphipoda			
Bathyporeia quoddyensis	13		295
Mollusca : Bivalvia			
Tellina agilis	1		23
Nemertina			
Nemertina	2		45
Number of Taxa w/ Epi.	5		
Number of Taxa w/o Epi.	5		
Total Count w/ Epi.	18		
Total Count w/o Epi.	18		
Total Abundance w/ Epi.			409
Total Abundance w/o Epi.			409

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0076			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Capitella capitata complex	15		341
Eteone heteropoda	1		23
Glycinde solitaria	1		23
Hobsonia florida	10		227
Laeonereis culveri	195		4432
Mediomastus ambiseta	2		45
Streblospio benedicti	471		10705
Arthropoda : Chironomidae			
Chironomidae	6		136
Number of Taxa w/ Epi.	8		
Number of Taxa w/o Epi.	8		
Total Count w/ Epi.	701		
Total Count w/o Epi.	701		
Total Abundance w/ Epi.			15932
Total Abundance w/o Epi.			15932

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0077			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Apoprionospio pygmaea	5		114
Cirratulidae *	8		182
Leitoscoloplos robustus	2		45
Mediomastus ambiseta	2		45
Nephtys picta	2		45
Spiophanes bombyx	1		23
Tharyx sp. A Morris	11		250
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Rhepoxynius hudsoni	1		23
Hemichordata			
Saccoglossus kowalevskii	1		23
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Spisula solidissima	1		23
Tellina agilis	18		409
Nemertina			
Nemertina	3		68
Number of Taxa w/ Epi.	14		
Number of Taxa w/o Epi.	14		
Total Count w/ Epi.	59		
Total Count w/o Epi.	59		
Total Abundance w/ Epi.			1341
Total Abundance w/o Epi.			1341

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0078			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	41		932
Oligochaeta		45	
Annelida : Polychaeta		23	
Eteone heteropoda	2		45
Euclymene zonalis	1		23
Heteromastus filiformis	12		273
Leitoscoloplos robustus	3		68
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	117		2659
Mediomastus spp. *	35		795
Pectinaria gouldii	2		45
Phyllodoce arenae	1		23
Scoletoma tenuis	5		114
Spiochaetopterus costarum	3		68
Streblospio benedicti	10		227
Tharyx sp. A Morris	5		114
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Cerapus tubularis (Epi.)	1		23
Listriella barnardi	1		23
Monocorophium acherusicum (Epi.)	2		45
Unciola dissimilis	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tellina agilis	8		182
Number of Taxa w/ Epi.	21		
Number of Taxa w/o Epi.	18		
Total Count w/ Epi.	255		
Total Count w/o Epi.	251		
Total Abundance w/ Epi.			5795
Total Abundance w/o Epi.			5705

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0079			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Nephtys bucera</i>	1		23
<i>Paraonis fulgens</i>	3		68
Arthropoda : Amphipoda			
<i>Acanthohaustorius millksi</i>	2		45
Arthropoda : Isopoda			
<i>Chiridotea caeca</i>	3		68
Mollusca : Bivalvia			
<i>Spisula solidissima</i>	1		23
Number of Taxa w/ Epi.	5		
Number of Taxa w/o Epi.	5		
Total Count w/ Epi.	10		
Total Count w/o Epi.	10		
Total Abundance w/ Epi.			227
Total Abundance w/o Epi.			227

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0080			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Capitella capitata complex	11		250
Hemipodus roseus	1		23
Mediomastus spp.	1		23
Paraonidae	2		45
Polydora cornuta	1		23
Polygordius spp.	3		68
Arthropoda : Amphipoda			
Monocorophium tuberculatum (Epi.)	4		91
Paracaprella tenuis (Epi.)	2		45
Unciola serrata	3		68
Mollusca : Bivalvia			
Bivalvia	1		23
Spisula solidissima	1		23
Tellina agilis	11		250
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	15		
Number of Taxa w/o Epi.	13		
Total Count w/ Epi.	47		
Total Count w/o Epi.	41		
Total Abundance w/ Epi.			1068
Total Abundance w/o Epi.			932

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0081			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Apoprionospio pygmaea	2		45
Leitoscoloplos robustus	1		23
Leitoscoloplos spp. *	2		45
Maldanidae	5		114
Neptys picta	5		114
Parapionosyllis longicirrata	2		45
Spiophanes bombyx	5		114
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Rhepoxynius hudsoni	2		45
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Mollusca : Bivalvia			
Tellina agilis	11		250
Number of Taxa w/ Epi.	10		
Number of Taxa w/o Epi.	10		
Total Count w/ Epi.	37		
Total Count w/o Epi.	37		
Total Abundance w/ Epi.			841
Total Abundance w/o Epi.			841

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0082			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Eteone heteropoda	1		23
Mediomastus ambiseta	1		23
Neanthes succinea	7		159
Podarkeopsis levifuscina	2		45
Streblospio benedicti	11		250
Arthropoda : Chironomidae			
Chironomidae	1		23
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	9		
Number of Taxa w/o Epi.	8		
Total Count w/ Epi.	26		
Total Count w/o Epi.	25		
Total Abundance w/ Epi.			591
Total Abundance w/o Epi.			568

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0083			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	51		1159
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	1		23
Carazziella hobsonae	4		91
Clymenella torquata	6		136
Diopatra cuprea	1		23
Euclymene zonalis	18		409
Exogone dispar	25		568
Glyceria americana	4		91
Glycinde solitaria	24		545
Heteromastus filiformis	10		227
Leitoscoloplos robustus	4		91
Marpysa sanguinea	2		45
Mediomastus ambiseta	3		68
Mediomastus spp. *	200		4545
Melinna maculata	1		23
Notomastus sp. A Ewing	3		68
Paraprionospio pinnata	1		23
Podarkeopsis levifuscina	1		23
Polydora cornuta	2		45
Scoletoma tenuis	16		364
Spiochaetopterus costarum	2		45
Spiophanes bombyx	1		23
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	20		455
Ampelisca vadorum	8		182
Caprella penantis (Epi.)	8		182
Cerapus tubularis (Epi.)	12		273
Elasmopus laevis (Epi.)	1		23
Erichthonius brasiliensis (Epi.)	14		318
Listriella barnardi	48		1091
Paracaprella tenuis (Epi.)	3		68
Unciola serrata	3		68
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Cyathura burbancki	3		68
Arthropoda : Pycnogonida			
Anoplodactylus petiolatus (Epi.)	1		23
Callipallene brevirostris (Epi.)	2		45
Cnidaria : Anthozoa			
Anthozoa	3		68
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Hemichordata			
Saccoglossus kowalevskii	1		23
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Tagelus divisus	1		23
Nemertina			
Nemertina	13		295
Phoronida			
Phoronis spp.	2		45
Number of Taxa w/ Epi.	42		
Number of Taxa w/o Epi.	35		
Total Count w/ Epi.	530		
Total Count w/o Epi.	489		
Total Abundance w/ Epi.			12045
Total Abundance w/o Epi.			11114

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0084			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	1		23
Oligochaeta			
Annelida : Polychaeta			
Eteone heteropoda	1		23
Glycinde solitaria	4		91
Leitoscoloplos spp.	1		23
Mediomastus ambiseta	44		1000
Mediomastus spp. *	39		886
Podarkeopsis levifuscina	3		68
Streblospio benedicti	296		6727
Arthropoda : Amphipoda			
Ampelisca abdita	19		432
Arthropoda : Cumacea			
Cyclaspis varians	3		68
Leucon americanus	20		455
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	12		
Number of Taxa w/o Epi.	11		
Total Count w/ Epi.	433		
Total Count w/o Epi.	432		
Total Abundance w/ Epi.			9841
Total Abundance w/o Epi.			9818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0085			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	7		159
Annelida : Polychaeta			
Arabella iricolor	2		45
Brania clavata	1		23
Capitella capitata complex	2		45
Clymenella torquata	9		205
Diopatra cuprea	12		273
Drilonereis longa	1		23
Euclymene zonalis	11		250
Eumida sanguinea	2		45
Exogone dispar	17		386
Glycera americana	8		182
Glycinde solitaria	7		159
Heteromastus filiformis	6		136
Leitoscoloplos robustus	1		23
Mediomastus ambiseta	6		136
Mediomastus spp. *	84		1909
Melinna maculata	6		136
Neanthes succinea	1		23
Notomastus sp. A Ewing	6		136
Phyllodoce arenae	1		23
Pista cristata	1		23
Pista palmata	11		250
Podarke obscura	1		23
Podarkeopsis levifuscina	3		68
Sabaco elongatus	3		68
Scoletoma tenuis	13		295
Sphaerosyllis brevidentata	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	42		955
Ampelisca vadorum	21		477
Ampelisca verrilli	1		23
Batea catharinensis (Epi.)	2		45
Cerapus tubularis (Epi.)	6		136
Elasmopus laevis (Epi.)	1		23
Listriella barnardi	24		545
Lysianopsis alba	2		45
Paracaprella tenuis (Epi.)	7		159
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Arthropoda : Isopoda			
Cyathura burbancki	5		114
Edotea triloba (Epi.)	2		45
Arthropoda : Mysidacea			
Americamysis bahia (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Solemya velum	3		68
Tagelus divisus	9		205
Tellina agilis	2		45
Mollusca : Gastropoda			
Nassarius vibex	1		23
Nemertina			
Nemertina	6		136
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	48		
Number of Taxa w/o Epi.	42		
Total Count w/ Epi.	365		
Total Count w/o Epi.	346		
Total Abundance w/ Epi.			8295
Total Abundance w/o Epi.			7864

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0086			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	11		250
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	2		45
Exogone dispar	27		614
Glycera americana	1		23
Glycinde solitaria	28		636
Leitoscoloplos robustus	5		114
Leitoscoloplos spp. *	2		45
Mediomastus ambiseta	33		750
Mediomastus spp. *	307		6977
Melinna maculata	7		159
Neanthes succinea	2		45
Notomastus sp. A Ewing	1		23
Paraprinionospio pinnata	2		45
Podarkeopsis levifuscina	1		23
Polydora cornuta	5		114
Scoletoma tenuis	4		91
Sphaerosyllis brevidentata	7		159
Spiochaetopterus costarum	13		295
Streblospio benedicti	47		1068
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Ampelisca abdita	114		2591
Listriella barnardi	28		636
Monocorophium tuberculatum (Epi.)	6		136
Mucrogammarus mucronatus (Epi.)	1		23
Paracaprella tenuis (Epi.)	2		45
Arthropoda : Cumacea			
Leucon americanus	93		2114
Arthropoda : Isopoda			
Edotea triloba (Epi.)	38		864
Cnidaria : Anthozoa			
Anthozoa	1		23
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tagelus divisus	1		23
Teilia agilis	5		114
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Gastropoda *	1		23
Turbonilla interrupta (Epi.)	3		68
Nemertina			
Nemertina	4		91
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	28		
Total Count w/ Epi.	807		
Total Count w/o Epi.	756		
Total Abundance w/ Epi.			18341
Total Abundance w/o Epi.			17182

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0087			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Clymenella torquata	1		23
Euclymene zonalis	1		23
Exogone dispar	17		386
Glycera americana	1		23
Glycinde solitaria	28		636
Heteromastus filiformis	2		45
Leitoscoloplos spp.	12		273
Mediomastus ambiseta	5		114
Mediomastus spp. *	90		2045
Melinna maculata	7		159
Neanthes succinea	4		91
Notomastus sp. A Ewing	3		68
Paraprionospio pinnata	7		159
Podarkeopsis levifuscina	2		45
Polydora cornuta	2		45
Sabaco elongatus	1		23
Scoletoma tenuis	1		23
Sphaerosyllis brevidentata	1		23
Spiochaetopterus costarum	11		250
Streblospio benedicti	4		91
Arthropoda : Amphipoda			
Ampelisca abdita	195		4432
Ampelisca spp. *	122		2773
Ampelisca vadorum	1		23
Listriella barnardi	24		545
Arthropoda : Cumacea			
Leucon americanus	17		386
Arthropoda : Isopoda			
Edotea triloba (Epi.)	28		636
Cnidaria : Anthozoa			
Anthozoa	4		91
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Pentamera pulcherrima	1		23
Mollusca : Bivalvia			
Tagelus divisus	1		23
Tellinidae	2		45
Mollusca : Gastropoda			
Acteocina canaliculata	10		227
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	13		295
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	32		
Total Count w/ Epi.	624		
Total Count w/o Epi.	596		
Total Abundance w/ Epi.			14182
Total Abundance w/o Epi.			13545

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0088			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	4		91
Annelida : Polychaeta			
Capitella capitata complex	1		23
Exogone dispar	2		45
Glycinde solitaria	15		341
Leitoscoloplos robustus	7		159
Mediomastus ambiseta	2		45
Mediomastus spp. *	139		3159
Melinna maculata	4		91
Notomastus sp. A Ewing	6		136
Paraprionospio pinnata	10		227
Podarkeopsis levifuscina	3		68
Sabaco elongatus	10		227
Sphaerosyllis brevidentata	2		45
Spiochaetopterus costarum	4		91
Streblospio benedicti	4		91
Arthropoda : Amphipoda			
Ampelisca abdita	144		3273
Listriella barnardi	35		795
Monocorophium tuberculatum (Epi.)	6		136
Unciola serrata	2		45
Arthropoda : Cumacea			
Leucon americanus	36		818
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	10		227
Cnidaria : Anthozoa			
Anthozoa	2		45
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tagelus divisus	3		68
Mollusca : Gastropoda			
Odostomia engonia (Epi.)	1		23
Turbonilla interrupta (Epi.)	17		386
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	3		68
Number of Taxa w/ Epi.	28		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	476		
Total Count w/o Epi.	442		
Total Abundance w/ Epi.			10818
Total Abundance w/o Epi.			10045

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0089			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Clymenella torquata	9	205	
Euclymene zonalis	4	91	
Exogone dispar	1	23	
Glycera americana	2	45	
Glycinde solitaria	13	295	
Leitoscoloplos robustus	2	45	
Maldanidae *	1	23	
Mediomastus ambiseta	4	91	
Mediomastus spp. *	90	2045	
Melinna maculata	8	182	
Neanthes succinea	2	45	
Notomastus sp. A Ewing	21	477	
Paraprionospio pinnata	7	159	
Podarkeopsis levifuscina	5	114	
Sabaco elongatus	2	45	
Scoletoma tenuis	4	91	
Spiochaetopterus costarum	5	114	
Arthropoda : Amphipoda			
Ameroculodes species complex	1	23	
Ampelisca abdita	237	5386	
Ampelisca vadorum	9	205	
Erichthionius brasiliensis (Epi.)	1	23	
Listriella barnardi	30	682	
Monocorophium tuberculatum (Epi.)	47	1068	
Mucrogammarus mucronatus (Epi.)	1	23	
Unciola serrata	2	45	
Arthropoda : Cumacea			
Cyclaspis varians	1	23	
Leucon americanus	36	818	
Arthropoda : Isopoda			
Edotea triloba (Epi.)	8	182	
Cnidaria : Anthozoa			
Anthozoa	2	45	
Echinodermata : Holothuroidea			
Leptosynapta tenuis	3	68	
Mollusca : Bivalvia			
Macoma tenta	1	23	
Mulinia lateralis	3	68	
Tagelus divisus	2	45	
Tellina agilis	1	23	
Mollusca : Gastropoda			
Gastropoda (Epi.)	2	45	
Turbonilla interrupta (Epi.)	7	159	
Phoronida			
Phoronis spp.	4	91	
Number of Taxa w/ Epi.	35		
Number of Taxa w/o Epi.	29		
Total Count w/ Epi.	578		
Total Count w/o Epi.	512		
Total Abundance w/ Epi.		13136	
Total Abundance w/o Epi.		11636	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0090			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	93		2114
Oligochaeta			
Annelida : Polychaeta			
Apoprionospio pygmaea	1		23
Brania clavata	7		159
Demonax microphthalmus	1		23
Exogone dispar	53		1205
Glycinde solitaria	15		341
Leitoscoloplos robustus	4		91
Leitoscoloplos spp. *	2		45
Mediomastus ambiseta	10		227
Mediomastus spp. *	15		341
Melinna maculata	4		91
Neanthes succinea	1		23
Parapriionospio pinnata	1		23
Podarke obscura	1		23
Podarkeopsis levifuscina	2		45
Scoletoma tenuis	1		23
Sphaerosyllis brevidentata	3		68
Sphaerosyllis erinaceus	12		273
Spirorbis corrugatus (Epi.)	4		91
Streblospio benedicti	5		114
Arthropoda : Amphipoda			
Ampelisca abdita	95		2159
Ampelisca vadorum	4		91
Batea catharinensis (Epi.)	3		68
Caprella penantis (Epi.)	1		23
Cerapus tubularis (Epi.)	1		23
Dulichiella appendiculata (Epi.)	1		23
Elasmopus laevis (Epi.)	27		614
Gitanopsis tortugae (Epi.)	12		273
Listriella barnardi	8		182
Lysianopsis alba	11		250
Microdeutopus gryllotalpa (Epi.)	2		45
Paracaprella tenuis (Epi.)	38		864
Stenothoe georgiana (Epi.)	34		773
Arthropoda : Isopoda			
Cyathura burbancki	2		45
Erichsonella filiformis (Epi.)	1		23
Paracerceis caudata (Epi.)	8		182
Arthropoda : Mysidacea			
Americamysis bahia (Epi.)	4		91
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	2		45
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Pentamera pulcherrima	1		23
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Solemya velum	3		68
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	1		23
Nemertina			
Nemertina	4		91
Number of Taxa w/ Epi.	42		
Number of Taxa w/o Epi.	27		
Total Count w/ Epi.	500		
Total Count w/o Epi.	361		
Total Abundance w/ Epi.			11364
Total Abundance w/o Epi.			8205

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0091			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	5		114
Annelida : Polychaeta			
Clymenella torquata	4		91
Diopatra cuprea	3		68
Euclymene zonalis	6		136
Exogone dispar	5		114
Glycera americana	2		45
Glycinde solitaria	19		432
Leitoscoloplos robustus	9		205
Leitoscoloplos spp. *	5		114
Mediomastus ambiseta	3		68
Mediomastus spp. *	109		2477
Melinna maculata	14		318
Neanthes succinea	1		23
Notomastus sp. A Ewing	23		523
Paraprionospio pinnata	5		114
Pectinaria gouldii	1		23
Podarke obscura	2		45
Podarkeopsis levifuscina	2		45
Polydora cornuta	2		45
Sabaco elongatus	11		250
Scoletoma tenuis	4		91
Arthropoda : Amphipoda			
Ampelisca abdita	55		1250
Ampelisca verrilli	1		23
Ericthonius brasiliensis (Epi.)	1		23
Monocorophium tuberculatum (Epi.)	46		1045
Paracaprella tenuis (Epi.)	5		114
Unciola serrata	10		227
Arthropoda : Cumacea			
Leucon americanus	12		273
Arthropoda : Isopoda			
Edotea triloba (Epi.)	7		159
Cnidaria : Anthozoa			
Anthozoa	8		182
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tagelus divisus	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Gastropoda *	3		68
Nassarius vibex	2		45
Odostomia engonia (Epi.)	3		68
Turbonilla interrupta (Epi.)	37		841
Phoronida			
Phoronis spp.	9		205
Number of Taxa w/ Epi.	36		
Number of Taxa w/o Epi.	30		
Total Count w/ Epi.	439		
Total Count w/o Epi.	337		
Total Abundance w/ Epi.			9977
Total Abundance w/o Epi.			7659

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0092			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	9		205
Annelida : Polychaeta			
Aricidea catherinae	1		23
Brania clavata	2		45
Clymenella torquata	6		136
Demonax microphthalmus	3		68
Diopatra cuprea	10		227
Euclymene zonalis	5		114
Exogone dispar	23		523
Glycinde solitaria	45		1023
Leitoscoloplos robustus	10		227
Mediomastus ambiseta	25		568
Mediomastus spp. *	160		3636
Melinna maculata	12		273
Neanthes succinea	1		23
Notomastus sp. A Ewing	6		136
Parapriionospio pinnata	3		68
Pectinaria gouldii	2		45
Pista cristata	1		23
Podarke obscura	3		68
Podarkeopsis levifuscina	14		318
Polydora cornuta	5		114
Scoletoma tenuis	8		182
Sphaerosyllis brevidentata	8		182
Sphaerosyllis erinaceus	9		205
Spiochaetopterus costarum	3		68
Streblospio benedicti	3		68
Arthropoda : Amphipoda			
Ampelisca abdita	31		705
Ampelisca vadorum	4		91
Ampelisca verrilli	4		91
Cerapus tubularis (Epi.)	8		182
Elasmopus laevis (Epi.)	4		91
Listriella barnardi	37		841
Monocorophium tuberculatum (Epi.)	2		45
Paracaprella tenuis (Epi.)	9		205
Unciola serrata	4		91
Arthropoda : Cumacea			
Cyclaspis varians	6		136
Leucon americanus	9		205
Oxyurostylis smithi	3		68
Arthropoda : Isopoda			
Edotea triloba (Epi.)	40		909
Arthropoda : Mysidacea			
Americamysis bahia (Epi.)	2		45
Cnidaria : Anthozoa			
Anthozoa	13		295
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Pentamera pulcherrima	3		68
Mollusca : Bivalvia			
Macoma mitchelli	1		23
Solemya velum	3		68
Tagelus divisus	4		91
Tellina agilis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	9		205
Nassarius vibex	1		23
Turbonilla interrupta (Epi.)	2		45
Nemertina			
Nemertina	5		114
Phoronida			
Phoronis spp.	2		45
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	52		
Number of Taxa w/o Epi.	44		
Total Count w/ Epi.	586		
Total Count w/o Epi.	518		
Total Abundance w/ Epi.		13318	
Total Abundance w/o Epi.		11773	

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0093			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	8		182
Diopatra cuprea	2		45
Euclymene zonalis	6		136
Exogone dispar	1		23
Glycera americana	2		45
Glycinde solitaria	22		500
Leitoscoloplos robustus	7		159
Loimia medusa	1		23
Mediomastus spp.	104		2364
Melinna maculata	12		273
Neanthes succinea	4		91
Nereididae *	2		45
Notomastus sp. A Ewing	14		318
Paraprionospio pinnata	17		386
Pectinaria gouldii	1		23
Podarke obscura	2		45
Podarkeopsis levifuscina	6		136
Sabaco elongatus	4		91
Scoletoma tenuis	3		68
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	104		2364
Ampelisca vadorum	1		23
Listriella barnardi	27		614
Monocorophium tuberculatum (Epi.)	60		1364
Paracaprella tenuis (Epi.)	5		114
Unciola serrata	11		250
Arthropoda : Cumacea			
Leucon americanus	30		682
Oxyurostylis smithi	1		23
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Arthropoda : Isopoda			
Cyathura burbancki	2		45
Edotea triloba (Epi.)	9		205
Cnidaria : Anthozoa			
Anthozoa	3		68
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Nassarius vibex	1		23
Turbonilla spp. (Epi.)	29		659
Phoronida			
Phoronis spp.	6		136
Number of Taxa w/ Epi.	38		
Number of Taxa w/o Epi.	34		
Total Count w/ Epi.	514		
Total Count w/o Epi.	411		
Total Abundance w/ Epi.			11682
Total Abundance w/o Epi.			9341

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0094			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Glycinde solitaria	2		45
Leitoscoloplos robustus	5		114
Mediomastus ambiseta	8		182
Mediomastus spp. *	6		136
Neanthes arenaceodentata	1		23
Prionospio steenstrupi	3		68
Scolelepis texana	1		23
Scoletoma tenuis	46		1045
Scoloplos rubra	1		23
Streblospio benedicti	8		182
Arthropoda : Amphipoda			
Ampelisca abdita	26		591
Ampelisca vadorum	1		23
Ampelisca verrilli	9		205
Caprella penantis (Epi.)	1		23
Elasmopus laevis (Epi.)	4		91
Listriella barnardi	9		205
Microprotopus raneyi (Epi.)	2		45
Monocorophium tuberculatum (Epi.)	3		68
Paracaprella tenuis (Epi.)	5		114
Arthropoda : Cumacea			
Oxyurostylis smithi	8		182
Arthropoda : Isopoda			
Cyathura burbancki	9		205
Arthropoda : Mysidacea			
Americamysis spp. (Epi.)	6		136
Arthropoda : Tanaidacea			
Hargeria rapax	9		205
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Gemma gemma	11		250
Mollusca : Gastropoda			
Turbonilla interrupta (Epi.)	1		23
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	27		
Number of Taxa w/o Epi.	20		
Total Count w/ Epi.	189		
Total Count w/o Epi.	167		
Total Abundance w/ Epi.			4295
Total Abundance w/o Epi.			3795

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0095			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	3		68
Annelida : Polychaeta			
Carazziella hobsonae	3		68
Clymenella torquata	35		795
Cossura sp. A Maciolek	2		45
Demonax microphthalmus	4		91
Diopatra cuprea	1		23
Euclymene zonalis	17		386
Exogone dispar	6		136
Glyceria americana	1		23
Glycinde solitaria	27		614
Leitoscoloplos robustus	7		159
Mediomastus ambiseta	6		136
Mediomastus spp. *	163		3705
Melinna maculata	18		409
Notomastus sp. A Ewing	81		1841
Paraprionospio pinnata	2		45
Pectinaria gouldii	1		23
Podarkeopsis levifuscina	20		455
Polydora cornuta	1		23
Sabaco elongatus	2		45
Scoletoma tenuis	1		23
Sphaerosyllis brevidentata	1		23
Streblospio benedicti	6		136
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	2		45
Elasmopus laevis (Epi.)	2		45
Erichthionius brasiliensis (Epi.)	7		159
Listriella barnardi	17		386
Monocorophium tuberculatum (Epi.)	4		91
Arthropoda : Cumacea			
Leucon americanus	4		91
Oxyurostylis smithi	2		45
Arthropoda : Isopoda			
Edotea triloba (Epi.)	6		136
Cnidaria : Anthozoa			
Anthozoa	12		273
Echinodermata : Holothuroidea			
Leptosynapta tenuis	9		205
Pentamera pulcherrima	3		68
Mollusca : Bivalvia			
Macoma tenta	1		23
Mulinia lateralis	2		45
Tagelus divisus	4		91
Nemertina			
Nemertina	7		159
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	39		
Number of Taxa w/o Epi.	35		
Total Count w/ Epi.	492		
Total Count w/o Epi.	473		
Total Abundance w/ Epi.			11182
Total Abundance w/o Epi.			10750

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0096			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	12		273
Annelida : Polychaeta			
Carazziella hobsonae	2		45
Ceratonereis irritabilis	1		23
Clymenella torquata	15		341
Demonax microphthalmus	1		23
Diopatra cuprea	1		23
Euclymene zonalis	19		432
Exogone dispar	8		182
Glycera americana	2		45
Glycinde solitaria	33		750
Leitoscoloplos robustus	2		45
Mediomastus ambiseta	13		295
Mediomastus spp. *	154		3500
Melinna maculata	10		227
Neanthes succinea	1		23
Notomastus sp. A Ewing	53		1205
Paraprionospio pinnata	9		205
Pectinaria gouldii	3		68
Pista cristata	1		23
Podarkeopsis levifuscina	10		227
Sabaco elongatus	2		45
Scoletoma tenuis	3		68
Scoloplos rubra	1		23
Spiochaetopterus costarum	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	13		295
Elasmopus laevis (Epi.)	1		23
Erichthionius brasiliensis (Epi.)	1		23
Listriella barnardi	10		227
Monocorophium tuberculatum (Epi.)	15		341
Paracaprella tenuis (Epi.)	1		23
Stenothoe georgiana (Epi.)	1		23
Unciola serrata	5		114
Arthropoda : Cumacea			
Cyclaspis varians	3		68
Leucon americanus	5		114
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	10		227
Cnidaria : Anthozoa			
Anthozoa	18		409
Echinodermata : Holothuroidea			
Leptosynapta tenuis	7		159
Pentamera pulcherrima	6		136
Mollusca : Bivalvia			
Tagelus divisus	5		114
Mollusca : Gastropoda			
Odostomia engonia (Epi.)	1		23
Turbonilla interrupta (Epi.)	26		591
Phoronida			
Phoronis spp.	9		205
Number of Taxa w/ Epi.	42		
Number of Taxa w/o Epi.	34		
Total Count w/ Epi.	495		
Total Count w/o Epi.	439		
Total Abundance w/ Epi.			11250
Total Abundance w/o Epi.			9977

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0097			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Diopatra cuprea	1		23
Euclymene zonalis	2		45
Exogone dispar	1		23
Glycera americana	1		23
Glycinde solitaria	22		500
Leitoscoloplos robustus	6		136
Mediomastus spp.	85		1932
Melinna maculata	5		114
Neanthes succinea	1		23
Notomastus sp. A Ewing	22		500
Paraprionospio pinnata	9		205
Phyllodoce arenae	1		23
Podarke obscura	1		23
Sabaco elongatus	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	14		318
Erichthonius brasiliensis (Epi.)	1		23
Listriella barnardi	12		273
Monocorophium tuberculatum (Epi.)	32		727
Unciola serrata	16		364
Arthropoda : Cumacea			
Leucon americanus	11		250
Cnidaria : Anthozoa			
Anthozoa	6		136
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Mollusca : Bivalvia			
Macoma tenta	1		23
Mollusca : Gastropoda			
Turbonilla interrupta (Epi.)	18		409
Nemertina			
Nemertina	2		45
Phoronida			
Phoronis spp.	2		45
Number of Taxa w/ Epi.	28		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	277		
Total Count w/o Epi.	226		
Total Abundance w/ Epi.			6295
Total Abundance w/o Epi.			5136

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0098			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	12		273
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	42		955
Diopatra cuprea	4		91
Euclymene zonalis	12		273
Exogone dispar	22		500
Glycera americana	1		23
Glycinde solitaria	39		886
Leitoscoloplos robustus	4		91
Leitoscoloplos spp. *	4		91
Mediomastus ambiseta	42		955
Mediomastus spp. *	114		2591
Melinna maculata	2		45
Neanthes succinea	3		68
Notomastus sp. A Ewing	39		886
Paraprionospio pinnata	8		182
Pectinaria gouldii	1		23
Podarkeopsis levifuscina	11		250
Spiochaetopterus costarum	9		205
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Ampelisca abdita	41		932
Listriella barnardi	11		250
Monocorophium tuberculatum (Epi.)	17		386
Arthropoda : Cumacea			
Leucon americanus	3		68
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	3		68
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Mulinia lateralis	6		136
Tagelus divisus	2		45
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Odostomia spp. (Epi.)	1		23
Nemertina			
Nemertina	9		205
Phoronida			
Phoronis spp.	4		91
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	34		
Number of Taxa w/o Epi.	30		
Total Count w/ Epi.	476		
Total Count w/o Epi.	454		
Total Abundance w/ Epi.			10818
Total Abundance w/o Epi.			10318

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0099			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Cabira incerta	1		23
Clymenella torquata	10		227
Demonax microphthalmus	3		68
Diopatra cuprea	3		68
Euclymene zonalis	7		159
Exogone dispar	7		159
Glycera americana	1		23
Glycinde solitaria	20		455
Leitoscoloplos robustus	6		136
Maldanidae *	1		23
Mediomastus ambiseta	3		68
Mediomastus spp. *	22		500
Melinna maculata	2		45
Neanthes succinea	1		23
Notomastus sp. A Ewing	20		455
Paraprionospio pinnata	1		23
Podarkeopsis levifuscina	2		45
Scoletoma tenuis	2		45
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Ampelisca abdita	3		68
Ampelisca vadorum	1		23
Ampelisca verrilli	1		23
Elasmopus laevis (Epi.)	2		45
Erichthonius brasiliensis (Epi.)	4		91
Listriella barnardi	3		68
Monocorophium tuberculatum (Epi.)	20		455
Arthropoda : Cumacea			
Cyclaspis varians	3		68
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Cyathura burbancki	5		114
Edotea triloba (Epi.)	1		23
Paracerceis caudata (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	10		227
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Solemya velum	3		68
Tagelus divisus	2		45
Mollusca : Gastropoda			
Gastropoda (Epi.)	1		23
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	37		
Number of Taxa w/o Epi.	31		
Total Count w/ Epi.	179		
Total Count w/o Epi.	150		
Total Abundance w/ Epi.			4068
Total Abundance w/o Epi.			3409

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0100			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	20		455
Annelida : Polychaeta			
Aricidea catherinae	1		23
Brania clavata	2		45
Carazziella hobsonae	6		136
Clymenella torquata	24		545
Diopatra cuprea	3		68
Euclymene zonalis	15		341
Exogone dispar	8		182
Glycera americana	9		205
Glycinde solitaria	20		455
Leitoscoloplos robustus	6		136
Maldanidae *	3		68
Mediomastus ambiseta	10		227
Mediomastus spp. *	166		3773
Melinna maculata	14		318
Notomastus sp. A Ewing	10		227
Odontosyllis fulgurans (Epi.)	1		23
Parapionosyllis longicirrata	1		23
Paraprionospio pinnata	2		45
Pectinaria gouldii	2		45
Podarkeopsis levifuscina	1		23
Sabaco elongatus	4		91
Scoletoma tenuis	3		68
Spiochaetopterus costarum	10		227
Spirorbis corrugatus (Epi.)	4		91
Arthropoda : Amphipoda			
Ampelisca abdita	124		2818
Ampelisca vadorum	6		136
Ampelisca verrilli	2		45
Batea catharinensis (Epi.)	7		159
Cerapus tubularis (Epi.)	17		386
Cymadusa compta (Epi.)	2		45
Elasmopus laevis (Epi.)	7		159
Listriella barnardi	38		864
Lysianopsis alba	1		23
Monocorophium acherusicum (Epi.)	6		136
Paracaprella tenuis (Epi.)	25		568
Stenothoe georgiana (Epi.)	6		136
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Arthropoda : Isopoda			
Cyathura burbancki	11		250
Erichsonella filiformis (Epi.)	26		591
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	18		409
Cnidaria : Anthozoa			
Anthozoa	5		114
Echinodermata : Holothuroidea			
Leptosynapta tenuis	7		159
Pentamera pulcherrima	1		23
Mollusca : Bivalvia			
Macoma tenta	3		68
Mulinia lateralis	1		23
Solemya velum	4		91
Tagelus divisus	3		68
Mollusca : Gastropoda			
Nassarius vibex	1		23
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	4		91
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	50		
Number of Taxa w/o Epi.	38		
Total Count w/ Epi.	673		
Total Count w/o Epi.	553		
Total Abundance w/ Epi.			15295
Total Abundance w/o Epi.			12568

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

TAXA	Count	Abundance (#/m2)
STATION : MD03-0101		
Annelida : Oligochaeta		
Oligochaeta	25	568
Annelida : Polychaeta		
Aricidea catherinae	1	23
Carazziella hobsonae	8	182
Clymenella torquata	3	68
Demonax microphthalmus	2	45
Euclymene zonalis	7	159
Exogone dispar	5	114
Glycera americana	7	159
Glycinde solitaria	24	545
Leitoscoloplos robustus	2	45
Leitoscoloplos spp. *	1	23
Maldanidae *	1	23
Mediomastus ambiseta	25	568
Mediomastus spp. *	172	3909
Melinna maculata	4	91
Notomastus sp. A Ewing	6	136
Odontosyllis fulgorans (Epi.)	1	23
Parapionosyllis longicirrata	1	23
Paraprionospio pinnata	2	45
Pectinaria gouldii	1	23
Pista cristata	3	68
Podarkeopsis levifuscina	1	23
Polydora cornuta	1	23
Scoletoma tenuis	6	136
Spirorbis corrugatus (Epi.)	1	23
Streblospio benedicti	1	23
Arthropoda : Amphipoda		
Ampelisca abdita	17	386
Ampelisca vadorum	3	68
Ampelisca verrilli	1	23
Batea catharinensis (Epi.)	1	23
Cerapus tubularis (Epi.)	3	68
Elasmopus laevis (Epi.)	2	45
Listriella barnardi	23	523
Monocorophium tuberculatum (Epi.)	3	68
Paracaprella tenuis (Epi.)	1	23
Arthropoda : Cumacea		
Cyclaspis varians	1	23
Oxyurostylis smithi	3	68
Arthropoda : Isopoda		
Cyathura burbancki	15	341
Cnidaria : Anthozoa		
Anthozoa	10	227
Echinodermata : Holothuroidea		
Leptosynapta tenuis	7	159
Mollusca : Bivalvia		
Mulinia lateralis	1	23
Tagelus divisus	9	205
Tellina agilis	7	159
Mollusca : Gastropoda		
Acteonina canaliculata	3	68
Odostomia spp. (Epi.)	1	23
Nemertina		
Nemertina	1	23
Phoronida		
Phoronis spp.	4	91
Number of Taxa w/ Epi.	44	
Number of Taxa w/o Epi.	36	
Total Count w/ Epi.	427	
Total Count w/o Epi.	414	
Total Abundance w/ Epi.		9705
Total Abundance w/o Epi.		9409

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0102			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	10		227
Diopatra cuprea	1		23
Euclymene zonalis	8		182
Exogone dispar	3		68
Glycinde solitaria	23		523
Leitoscoloplos robustus	8		182
Loimia medusa	1		23
Mediomastus ambiseta	3		68
Mediomastus spp. *	121		2750
Melinna maculata	5		114
Neanthes succinea	2		45
Notomastus sp. A Ewing	12		273
Paraprionospio pinnata	16		364
Pectinaria gouldii	4		91
Podarkeopsis levifuscina	1		23
Sabaco elongatus	1		23
Scoletoma tenuis	3		68
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	96		2182
Ampelisca vadorum	1		23
Ampelisca verrilli	1		23
Listriella barnardi	28		636
Monocorophium tuberculatum (Epi.)	37		841
Paracaprella tenuis (Epi.)	1		23
Unciola serrata	7		159
Arthropoda : Cumacea			
Leucon americanus	36		818
Arthropoda : Isopoda			
Edotea triloba (Epi.)	4		91
Cnidaria : Anthozoa			
Anthozoa	5		114
Echinodermata : Holothuroidea			
Leptosynapta tenuis	4		91
Mollusca : Bivalvia			
Macoma tenta	2		45
Mulinia lateralis	1		23
Tagelus divisus	1		23
Tellina agilis	1		23
Mollusca : Gastropoda			
Turbonilla interrupta (Epi.)	32		727
Nemertina			
Nemertina	2		45
Phoronida			
Phoronis spp.	1		23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	38		
Number of Taxa w/o Epi.	33		
Total Count w/ Epi.	486		
Total Count w/o Epi.	411		
Total Abundance w/ Epi.			11045
Total Abundance w/o Epi.			9341

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0103			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	16		364
Annelida : Polychaeta			
Cabira incerta	1		23
Carazziella hobsonae	3		68
Clymenella torquata	30		682
Cossura sp. A Maciolek	1		23
Demonax microphthalminus	4		91
Euclymene zonalis	26		591
Exogone dispar	11		250
Glycera americana	5		114
Glycinde solitaria	32		727
Leitoscoloplos robustus	5		114
Mediomastus ambiseta	8		182
Mediomastus spp. *	223		5068
Melinna maculata	10		227
Neanthes succinea	2		45
Notomastus sp. A Ewing	75		1705
Paraprionospio pinnata	10		227
Podarke obscura	6		136
Podarkeopsis levifuscina	26		591
Sabaco elongatus	8		182
Streblospio benedicti	3		68
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Batea catharinensis (Epi.)	3		68
Listriella barnardi	17		386
Monocorophium tuberculatum (Epi.)	3		68
Stenothoe georgiana (Epi.)	1		23
Arthropoda : Cumacea			
Leucon americanus	1		23
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	2		45
Cnidaria : Anthozoa			
Anthozoa	21		477
Echinodermata : Holothuroidea			
Leptosynapta tenuis	10		227
Pentamera pulcherrima	2		45
Mollusca : Bivalvia			
Mulinia lateralis	1		23
Tagelus divisus	6		136
Mollusca : Gastropoda			
Nassarius vibex	1		23
Turbonilla interrupta (Epi.)	3		68
Phoronida			
Phoronis spp.	15		341
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	38		
Number of Taxa w/o Epi.	32		
Total Count w/ Epi.	595		
Total Count w/o Epi.	582		
Total Abundance w/ Epi.			13523
Total Abundance w/o Epi.			13227

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

TAXA	Count	Abundance (#/m2)
Annelida : Oligochaeta	2	45
Oligochaeta		
Annelida : Polychaeta		
Clymenella torquata	19	432
Demonax microphthalmus	1	23
Diopatra cuprea	1	23
Euclymene zonalis	19	432
Exogone dispar	7	159
Glycera americana	4	91
Glycinde solitaria	28	636
Leitoscoloplos robustus	1	23
Loimia medusa	2	45
Mediomastus ambiseta	5	114
Mediomastus spp. *	137	3114
Melinna maculata	1	23
Neanthes succinea	2	45
Nereididae *	1	23
Notomastus sp. A Ewing	42	955
Odontosyllis fulgorans (Epi.)	1	23
Paraprionospio pinnata	17	386
Pectinaria gouldii	1	23
Phyllodoce arenae	1	23
Podarke obscura	4	91
Podarkeopsis levifuscina	4	91
Sabaco elongatus	1	23
Scoletoma tenuis	1	23
Sphaerosyllis brevidentata	2	45
Arthropoda : Amphipoda		
Ampelisca abdita	22	500
Ampelisca vadorum	1	23
Batea catharinensis (Epi.)	2	45
Listriella barnardi	11	250
Monocorophium tuberculatum (Epi.)	20	455
Paracaprella tenuis (Epi.)	14	318
Unciola serrata	8	182
Arthropoda : Cumacea		
Leucon americanus	3	68
Arthropoda : Isopoda		
Edotea triloba (Epi.)	5	114
Cnidaria : Anthozoa		
Anthozoa	14	318
Echinodermata : Holothuroidea		
Leptosynapta tenuis	9	205
Pentamera pulcherrima	2	45
Mollusca : Bivalvia		
Bivalvia *	1	23
Macoma tenta	2	45
Mulinia lateralis	1	23
Tagelus divisus	5	114
Mollusca : Gastropoda		
Gastropoda *	1	23
Nassarius vibex	1	23
Odostomia spp. (Epi.)	5	114
Turbonilla interrupta (Epi.)	32	727
Nemertina		
Nemertina	2	45
Phoronida		
Phoronis spp.	2	45
Platyhelminthes : Turbellaria		
Turbellaria (Epi.)	1	23
Number of Taxa w/ Epi.	44	
Number of Taxa w/o Epi.	36	
Total Count w/ Epi.	468	
Total Count w/o Epi.	387	
Total Abundance w/ Epi.		10636
Total Abundance w/o Epi.		8795

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0105			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	19		432
Demonax microphthalmus	2		45
Diopatra cuprea	1		23
Euclymene zonalis	6		136
Exogone dispar	3		68
Glycera americana	5		114
Glycinde solitaria	19		432
Leitoscoloplos robustus	5		114
Mediomastus ambiseta	4		91
Mediomastus spp. *	135		3068
Melinna maculata	12		273
Neanthes succinea	2		45
Notomastus sp. A Ewing	34		773
Paraprionospio pinnata	12		273
Pectinaria gouldii	2		45
Podarke obscura	1		23
Podarkeopsis levifuscina	2		45
Sabaco elongatus	1		23
Scoletoma tenuis	3		68
Arthropoda : Amphipoda			
Ampelisca abdita	39		886
Ampelisca vadorum	1		23
Listriella barnardi	13		295
Monocorophium tuberculatum (Epi.)	6		136
Paracaprella tenuis (Epi.)	8		182
Unciola serrata	2		45
Arthropoda : Cumacea			
Leucon americanus	8		182
Arthropoda : Isopoda			
Edotea triloba (Epi.)	5		114
Cnidaria : Anthozoa			
Anthozoa	11		250
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Tagelus divisus	3		68
Tellina agilis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Gastropoda *	2		45
Odostomia engonia (Epi.)	15		341
Turbonilla interrupta (Epi.)	23		523
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	3		68
Number of Taxa w/ Epi.	38		
Number of Taxa w/o Epi.	33		
Total Count w/ Epi.	418		
Total Count w/o Epi.	359		
Total Abundance w/ Epi.			9500
Total Abundance w/o Epi.			8159

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0106			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cirratulidae	1		23
Dioptatra cuprea	1		23
Glycinde solitaria	16		364
Leitoscoloplos robustus	7		159
Leitoscoloplos spp. *	2		45
Mediomastus spp.	61		1386
Melinna maculata	3		68
Notomastus sp. A Ewing	14		318
Paraprionospio pinnata	7		159
Sabaco elongatus	2		45
Scoletoma tenuis	7		159
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	63		1432
Listriella barnardi	30		682
Monocorophium tuberculatum (Epi.)	6		136
Paracaprella tenuis (Epi.)	1		23
Unciola serrata	4		91
Arthropoda : Cumacea			
Leucon americanus	23		523
Arthropoda : Isopoda			
Edotea triloba (Epi.)	4		91
Cnidaria : Anthozoa			
Anthozoa	2		45
Mollusca : Bivalvia			
Tagelus divisus	2		45
Mollusca : Gastropoda			
Turbanilla spp. (Epi.)	9		205
Number of Taxa w/ Epi.	21		
Number of Taxa w/o Epi.	17		
Total Count w/ Epi.	266		
Total Count w/o Epi.	246		
Total Abundance w/ Epi.			6045
Total Abundance w/o Epi.			5591

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0107			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	21		477
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	1		23
Carazziella hobsonae	1		23
Clymenella torquata	22		500
Cossura sp. A Maciolek	1		23
Euclymene zonalis	44		1000
Exogone dispar	5		114
Glycera americana	1		23
Glycinde solitaria	29		659
Leitoscoloplos robustus	1		23
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	8		182
Mediomastus spp. *	295		6705
Melinna maculata	17		386
Neanthes succinea	3		68
Notomastus sp. A Ewing	81		1841
Paraprionospio pinnata	7		159
Podarke obscura	5		114
Podarkeopsis levifuscina	27		614
Sabaco elongatus	3		68
Scoletoma tenuis	1		23
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	7		159
Ampelisca vadorum	1		23
Ericthonius brasiliensis (Epi.)	1		23
Listriella barnardi	23		523
Monocorophium tuberculatum (Epi.)	1		23
Paracaprella tenuis (Epi.)	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Cyathura burbancki	2		45
Edotea triloba (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	4		91
Echinodermata : Holothuroidea			
Leptosynapta tenuis	17		386
Pentamera pulcherrima	1		23
Mollusca : Bivalvia			
Macoma tenta	1		23
Mulinia lateralis	1		23
Tagelus divisus	5		114
Mollusca : Gastropoda			
Gastropoda *	2		45
Odostomia spp. (Epi.)	1		23
Turbonilla interrupta (Epi.)	8		182
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	15		341
Number of Taxa w/ Epi.	39		
Number of Taxa w/o Epi.	33		
Total Count w/ Epi.	671		
Total Count w/o Epi.	656		
Total Abundance w/ Epi.			15250
Total Abundance w/o Epi.			14909

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0108			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Clymenella torquata	58		1318
Euclymene zonalis	54		1227
Exogone dispar	2		45
Glycera americana	3		68
Glycinde solitaria	22		500
Leitoscoloplos robustus	5		114
Maldanidae *	3		68
Mediomastus spp.	63		1432
Melinna maculata	7		159
Neanthes succinea	2		45
Notomastus sp. A Ewing	58		1318
Paraprionospio pinnata	7		159
Podarkeopsis levifuscina	5		114
Scoletoma tenuis	1		23
Spiochaetopterus costarum	2		45
Sthenelais boa	1		23
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	7		159
Ampelisca vadorum	2		45
Elasmopus laevis (Epi.)	1		23
Ericthonius brasiliensis (Epi.)	2		45
Listriella barnardi	2		45
Monocorophium tuberculatum (Epi.)	18		409
Paracaprella tenuis (Epi.)	2		45
Unciola serrata	1		23
Arthropoda : Cumacea			
Leucon americanus	1		23
Arthropoda : Decapoda			
Crangon septemspinosa (Epi.)	1		23
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	5		114
Echinodermata : Holothuroidea			
Leptosynapta tenuis	4		91
Pentamera pulcherrima	2		45
Mollusca : Bivalvia			
Macoma tenta	1		23
Mulinia lateralis	1		23
Tagelus divisus	2		45
Mollusca : Gastropoda			
Acteonina canaliculata	1		23
Gastropoda *	1		23
Odostomia engonia (Epi.)	1		23
Turbonilla interrupta (Epi.)	6		136
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	3		68
Number of Taxa w/ Epi.	39		
Number of Taxa w/o Epi.	31		
Total Count w/ Epi.	361		
Total Count w/o Epi.	324		
Total Abundance w/ Epi.			8205
Total Abundance w/o Epi.			7364

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0109			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	42		955
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	1		23
Cabira incerta	2		45
Carazziella hobsonae	22		500
Clymenella torquata	63		1432
Diopatra cuprea	1		23
Euclymene zonalis	58		1318
Exogone dispar	40		909
Glycera americana	4		91
Glycinde solitaria	42		955
Leitoscoloplos robustus	3		68
Maldanidae *	2		45
Mediomastus ambiseta	8		182
Mediomastus spp. *	367		8341
Melinna maculata	13		295
Neanthes succinea	2		45
Notomastus sp. A Ewing	100		2273
Pectinaria gouldii	2		45
Phyllodoce arenae	1		23
Podarke obscura	12		273
Podarkeopsis levifuscina	20		455
Sabaco elongatus	2		45
Spiochaetopterus costarum	1		23
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ameroculodes species complex	2		45
Ampelisca abdita	3		68
Batea catharinensis (Epi.)	1		23
Elasmopus laevis (Epi.)	2		45
Ericthonius brasiliensis (Epi.)	5		114
Listriella barnardi	6		136
Monocorophium tuberculatum (Epi.)	17		386
Paracaprella tenuis (Epi.)	2		45
Stenothoe georgiana (Epi.)	1		23
Unciola serrata	3		68
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Arthropoda : Isopoda			
Cyathura burbancki	5		114
Edotea triloba (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	17		386
Echinodermata : Holothuroidea			
Leptosynapta tenuis	14		318
Pentamera pulcherrima	12		273
Mollusca : Bivalvia			
Tagelus divisus	2		45
Mollusca : Gastropoda			
Odostomia spp. (Epi.)	1		23
Turbonilla interrupta (Epi.)	11		250
Nemertina			
Nemertina	8		182
Phoronida			
Phoronis spp.	7		159
Number of Taxa w/ Epi.	43		
Number of Taxa w/o Epi.	34		
Total Count w/ Epi.	932		
Total Count w/o Epi.	891		
Total Abundance w/ Epi.			21182
Total Abundance w/o Epi.			20250

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

TAXA	Count	Abundance (#/m2)
Annelida : Oligochaeta	41	932
Oligochaeta	3	68
Annelida : Polychaeta	6	136
Brania clavata	10	227
Carazziella hobsonae	1	23
Clymenella torquata	14	318
Cossura sp. A Maciolek	2	45
Demonax microphthalmus	8	182
Diopatra cuprea	47	1068
Euclymene zonalis	5	114
Exogone dispar	24	545
Glyceria americana	2	45
Glycinde solitaria	9	205
Heteromastus filiformis	14	318
Leitoscoloplos robustus	186	4227
Mediomastus ambiseta	3	68
Mediomastus spp. *	1	23
Melinna maculata	8	182
Nereididae	19	432
Notomastus sp. A Ewing	2	45
Paraprionospio pinnata	8	182
Podarke obscura	1	23
Podarkeopsis levifuscina	1	23
Polydora cornuta	2	45
Prionospio heterobranchia	8	182
Scoletoma tenuis	1	23
Spirorbis corrugatus (Epi.)	1	23
Streblospio benedicti	8	182
Streblospio benedicti	2	45
Arthropoda : Amphipoda		
Ameroculodes species complex	1	23
Ampelisca abdita	29	659
Ampelisca vadorum	4	91
Ampelisca verrilli	2	45
Caprella spp. (Epi.)	1	23
Elasmopus laevis (Epi.)	3	68
Lembos websteri (Epi.)	1	23
Listriella barnardi	41	932
Paracaprella tenuis (Epi.)	1	23
Arthropoda : Cumacea		
Leucon americanus	1	23
Oxyurostylis smithi	2	45
Arthropoda : Isopoda		
Cyathura burbancki	6	136
Edotea triloba (Epi.)	3	68
Arthropoda : Pycnogonida		
Anoplodactylus petiolatus (Epi.)	1	23
Cnidaria : Anthozoa		
Anthozoa	9	205
Echinodermata : Holothuroidea		
Leptosynapta tenuis	16	364
Pentamera pulcherrima	2	45
Mollusca : Bivalvia		
Mulinia lateralis	1	23
Solemya velum	2	45
Tagelus divisus	4	91
Mollusca : Gastropoda		
Actaecina canaliculata	3	68
Odostomia engonia (Epi.)	4	91
Nemertina		
Nemertina	1	23
Phoronida		
Phoronis spp.	7	159
Number of Taxa w/ Epi.	49	
Number of Taxa w/o Epi.	41	
Total Count w/ Epi.	572	
Total Count w/o Epi.	550	
Total Abundance w/ Epi.		13000
Total Abundance w/o Epi.		12500

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0111			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	4		91
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	29		659
Diopatra cuprea	1		23
Euclymene zonalis	35		795
Exogone dispar	7		159
Glycera americana	4		91
Glycinde solitaria	28		636
Leitoscoloplos robustus	7		159
Mediomastus ambiseta	7		159
Mediomastus spp. *	207		4705
Melinna maculata	13		295
Neanthes succinea	2		45
Notomastus sp. A Ewing	44		1000
Paraprionospio pinnata	29		659
Pectinaria gouldii	4		91
Podarke obscura	1		23
Podarkeopsis levifuscina	9		205
Sabaco elongatus	1		23
Scoletoma tenuis	5		114
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	23		523
Listriella barnardi	14		318
Monocorophium tuberculatum (Epi.)	17		386
Paracaprella tenuis (Epi.)	2		45
Unciola serratula	10		227
Arthropoda : Cumacea			
Leucon americanus	16		364
Arthropoda : Isopoda			
Edotea triloba (Epi.)	8		182
Cnidaria : Anthozoa			
Anthozoa	9		205
Echinodermata : Holothuroidea			
Leptosynapta tenuis	6		136
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tagelus divisus	3		68
Mollusca : Gastropoda			
Gastropoda *	1		23
Odostomia engonia (Epi.)	8		182
Turbonilla interrupta (Epi.)	33		750
Nemertina			
Nemertina	11		250
Phoronida			
Phoronis spp.	1		23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	4		91
Number of Taxa w/ Epi.	36		
Number of Taxa w/o Epi.	30		
Total Count w/ Epi.	608		
Total Count w/o Epi.	535		
Total Abundance w/ Epi.			13818
Total Abundance w/o Epi.			12159

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0112			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	1	23	
Clymenella torquata	11	250	
Euclymene zonalis	38	864	
Glycera americana	2	45	
Glycinde solitaria	27	614	
Leitoscoloplos robustus	2	45	
Maldanidae *	1	23	
Mediomastus spp.	99	2250	
Notomastus sp. A Ewing	35	795	
Paraprionospio pinnata	4	91	
Pectinaria gouldii	1	23	
Phyllodoce arenae	2	45	
Podarkeopsis levifuscina	2	45	
Sabaco elongatus	1	23	
Arthropoda : Amphipoda			
Ameroculodes species complex	1	23	
Ampelisca abdita	10	227	
Listriella barnardi	16	364	
Monocorophium tuberculatum (Epi.)	6	136	
Paracaprella tenuis (Epi.)	1	23	
Unciola serrata	4	91	
Arthropoda : Cumacea			
Cyclaspis varians	1	23	
Leucon americanus	2	45	
Arthropoda : Isopoda			
Cyathura burbancki	3	68	
Cnidaria : Anthozoa			
Anthozoa	10	227	
Echinodermata : Holothuroidea			
Leptosynapta tenuis	43	977	
Pentamera pulcherrima	18	409	
Mollusca : Bivalvia			
Macoma tenta	1	23	
Mulinia lateralis	2	45	
Tagelus divisus	3	68	
Mollusca : Gastropoda			
Acteocina canaliculata	1	23	
Turbonilla interrupta (Epi.)	1	23	
Nemertina			
Nemertina	5	114	
Phoronida			
Phoronis spp.	1	23	
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	2	45	
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	29		
Total Count w/ Epi.	357		
Total Count w/o Epi.	347		
Total Abundance w/ Epi.		8114	
Total Abundance w/o Epi.		7886	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0113			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	9		205
Annelida : Polychaeta			
Arabella iricolor	3		68
Capitella capitata complex	1		23
Clymenella torquata	1		23
Demonax microphthalmus	3		68
Diopatra cuprea	5		114
Euclymene zonalis	10		227
Exogone dispar	16		364
Glycera americana	3		68
Glycinde solitaria	22		500
Leitoscoloplos robustus	3		68
Mediomastus ambiseta	46		1045
Mediomastus spp. *	56		1273
Odontosyllis fulgurans (Epi.)	1		23
Onuphidae *	1		23
Pista palmata	1		23
Podarkeopsis levifuscina	2		45
Polycirrus eximius	1		23
Polydora cornuta	1		23
Sabaco elongatus	1		23
Scoletoma tenuis	2		45
Spiochaetopterus costarum	9		205
Sthenelais boa	1		23
Arthropoda : Amphipoda			
Americhelidium americanum	1		23
Ameroculodes species complex	2		45
Ampelisca abdita	14		318
Ampelisca vadorum	1		23
Ampelisca verrilli	4		91
Batea catharinensis (Epi.)	2		45
Cerapus tubularis (Epi.)	2		45
Elasmopus laevis (Epi.)	1		23
Erichthonius brasiliensis (Epi.)	1		23
Listriella barnardi	3		68
Lysianopsis alba	1		23
Microdeutopus gryllotalpa (Epi.)	3		68
Paracaprella tenuis (Epi.)	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	7		159
Arthropoda : Isopoda			
Cyathura burbancki	2		45
Erichsonella filiformis (Epi.)	1		23
Arthropoda : Mysidacea			
Americamysis bahia (Epi.)	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	4		91
Mollusca : Bivalvia			
Tagelus divisus	2		45
Phoronida			
Phoronis spp.	2		45
Number of Taxa w/ Epi.	41		
Number of Taxa w/o Epi.	32		
Total Count w/ Epi.	253		
Total Count w/o Epi.	240		
Total Abundance w/ Epi.		5750	
Total Abundance w/o Epi.		5455	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0114			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	11		250
Annelida : Polychaeta			
Aricidea catherinae	1		23
Clymenella torquata	25		568
Diopatra cuprea	10		227
Euclymene zonalis	22		500
Exogone dispar	5		114
Glycera americana	3		68
Glycinde solitaria	25		568
Heteromastus filiformis	1		23
Leitoscoloplos robustus	2		45
Mediomastus ambiseta	11		250
Mediomastus spp. *	100		2273
Melinna maculata	4		91
Nereididae	1		23
Notomastus sp. A Ewing	15		341
Paraprionospio pinnata	8		182
Phyllodoce arenae	2		45
Pista cristata	1		23
Podarkeopsis levifuscina	9		205
Sabaco elongatus	1		23
Scoletoma tenuis	2		45
Spiochaetopterus costarum	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	54		1227
Ampelisca verrilli	6		136
Cerapus tubularis (Epi.)	11		250
Erichthonius brasiliensis (Epi.)	1		23
Listriella barnardi	18		409
Monocorophium tuberculatum (Epi.)	9		205
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	14		318
Echinodermata : Holothuroidea			
Leptosynapta tenuis	19		432
Mollusca : Bivalvia			
Macoma tenta	3		68
Mulinia lateralis	1		23
Tagelus divisus	4		91
Nemertina			
Nemertina	5		114
Phoronida			
Phoronis spp.	3		68
Number of Taxa w/ Epi.	36		
Number of Taxa w/o Epi.	31		
Total Count w/ Epi.	411		
Total Count w/o Epi.	388		
Total Abundance w/ Epi.			9341
Total Abundance w/o Epi.			8818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0115			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	11		250
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	1		23
Clymenella torquata	25		568
Diopatra cuprea	6		136
Drilonereis longa	1		23
Euclymene zonalis	18		409
Eumida sanguinea	4		91
Exogone dispar	57		1295
Glycera americana	5		114
Glycinde solitaria	15		341
Leitoscoloplos robustus	13		295
Mediomastus ambiseta	39		886
Mediomastus spp. *	184		4182
Melinna maculata	14		318
Notomastus sp. A Ewing	3		68
Parapionosyllis longicirrata	1		23
Phyllodoce arenae	2		45
Pista cristata	6		136
Pista palmata	6		136
Podarke obscura	3		68
Podarkeopsis levifuscina	7		159
Polycirrus eximius	4		91
Prionospio heterobranchia	2		45
Scoletoma tenuis	4		91
Spiochaetopterus costarum	21		477
Sthenelais boa	1		23
Streblospio benedicti	1		23
Tharyx sp. A Morris	3		68
Arthropoda : Amphipoda			
Ameroculodes species complex	3		68
Ampelisca abdita	43		977
Ampelisca vadorum	11		250
Ampelisca verrilli	29		659
Batea catharinensis (Epi.)	2		45
Cerapus tubularis (Epi.)	14		318
Cymadusa compta (Epi.)	3		68
Elasmopus laevis (Epi.)	5		114
Eobrolgus spinosus	4		91
Erichthionius brasiliensis (Epi.)	6		136
Listriella barnardi	11		250
Microdeutopus gryllotalpa (Epi.)	1		23
Monocorophium tuberculatum (Epi.)	1		23
Paracaprella tenuis (Epi.)	4		91
Stenothoe georgiana (Epi.)	1		23
Unciola serrata	1		23
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Oxyurostylis smithi	23		523

Continued . . .

TAXA		Count	Abundance (#/m2)
Arthropoda : Isopoda			
Cyathura burbancki		7	159
Edotea triloba (Epi.)		4	91
Erichsonella attenuata (Epi.)		1	23
Erichsonella filiformis (Epi.)		1	23
Paracerceis caudata (Epi.)		1	23
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)		1	23
Cnidaria : Anthozoa			
Anthozoa		3	68
Echinodermata : Holothuroidea			
Leptosynapta tenuis		5	114
Pentamera pulcherrima		2	45
Mollusca : Bivalvia			
Gemma gemma		3	68
Solemya velum		4	91
Tagelus divisus		7	159
Teolina agilis		3	68
Mollusca : Gastropoda			
Acteocina canaliculata		1	23
Eupleura caudata (Epi.)		1	23
Nemertina			
Nemertina		8	182
Phoronida			
Phoronis spp.		5	114
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)		3	68
<hr/>			
Number of Taxa w/ Epi.		63	
Number of Taxa w/o Epi.		47	
Total Count w/ Epi.		680	
Total Count w/o Epi.		631	
Total Abundance w/ Epi.			15454
Total Abundance w/o Epi.			14341

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0116			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	10		227
Annelida : Polychaeta			
Carazziella hobsonae	6		136
Clymenella torquata	16		364
Cossura sp. A Maciolek	1		23
Diopatra cuprea	1		23
Euclymene zonalis	29		659
Exogone dispar	28		636
Glycera americana	2		45
Glycinde solitaria	27		614
Leitoscoloplos robustus	2		45
Loimia medusa	1		23
Mediomastus ambiseta	15		341
Mediomastus spp. *	217		4932
Melinna maculata	6		136
Neanthes succinea	1		23
Notomastus sp. A Ewing	42		955
Paraprionospio pinnata	14		318
Pectinaria gouldii	4		91
Podarke obscura	4		91
Podarkeopsis levifuscina	5		114
Polydora cornuta	1		23
Sabaco elongatus	2		45
Scoletoma tenuis	2		45
Streblospio benedicti	1		23
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Ampelisca abdita	17		386
Cerapus tubularis (Epi.)	1		23
Listriella barnardi	11		250
Monocorophium tuberculatum (Epi.)	21		477
Paracaprella tenuis (Epi.)	6		136
Unciola serrata	5		114
Arthropoda : Cumacea			
Leucon americanus	6		136
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	9		205
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Pentamera pulcherrima	3		68
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tagelus divisus	4		91
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Odostomia engonia (Epi.)	3		68
Turbonilla interrupta (Epi.)	44		1000
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	4		91
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	2		45
====			
Number of Taxa w/ Epi.	44		
Number of Taxa w/o Epi.	37		
Total Count w/ Epi.	583		
Total Count w/o Epi.	503		
Total Abundance w/ Epi.			13250
Total Abundance w/o Epi.			11432

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0117			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Clymenella torquata	8		182
Diopatra cuprea	1		23
Euclymenae zonalis	23		523
Glycera americana	1		23
Glycinde solitaria	25		568
Maldanidae *	2		45
Mediomastus ambiseta	10		227
Mediomastus spp. *	61		1386
Melinna maculata	2		45
Notomastus sp. A Ewing	57		1295
Paraprionospio pinnata	4		91
Pectinaria gouldii	3		68
Podarkeopsis levifuscina	1		23
Scoletoma tenuis	3		68
Arthropoda : Amphipoda			
Ampelisca abdita	11		250
Cerapus tubularis (Epi.)	3		68
Listriella barnardi	16		364
Monocorophium tuberculatum (Epi.)	1		23
Paracaprella tenuis (Epi.)	1		23
Arthropoda : Cumacea			
Leucon americanus	3		68
Arthropoda : Isopoda			
Cyathura burbancki	2		45
Edotea triloba (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	16		364
Echinodermata : Holothuroidea			
Leptosynapta tenuis	41		932
Pentamera pulcherrima	20		455
Mollusca : Bivalvia			
Tagelus divisus	3		68
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Turbonilla interrupta (Epi.)	3		68
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	28		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	327		
Total Count w/o Epi.	316		
Total Abundance w/ Epi.			7432
Total Abundance w/o Epi.			7182

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0118			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	6		136
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	27		614
Diopatra cuprea	1		23
Euclymene zonalis	28		636
Exogone dispar	1		23
Glycera americana	2		45
Glycinde solitaria	27		614
Leitoscoloplos robustus	3		68
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	3		68
Mediomastus spp. *	198		4500
Melinna maculata	2		45
Neanthes succinea	1		23
Notomastus sp. A Ewing	50		1136
Paraprionospio pinnata	9		205
Pectinaria gouldii	2		45
Phyllodoce arenae	2		45
Podarkeopsis levifuscina	6		136
Sabaco elongatus	5		114
Scoletoma tenuis	7		159
Arthropoda : Amphipoda			
Ampelisca abdita	11		250
Cerapus tubularis (Epi.)	3		68
Listriella barnardi	8		182
Monocorophium tuberculatum (Epi.)	29		659
Paracaprella tenuis (Epi.)	5		114
Unciola serrata	4		91
Arthropoda : Cumacea			
Leucon americanus	3		68
Arthropoda : Isopoda			
Cyathura burbancki	2		45
Edotea triloba (Epi.)	4		91
Cnidaria : Anthozoa			
Anthozoa	14		318
Echinodermata : Holothuroidea			
Leptosynapta tenuis	7		159
Pentamera pulcherrima	1		23
Mollusca : Bivalvia			
Macoma tenta	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Odostomia engonia (Epi.)	2		45
Turbonilla interrupta (Epi.)	24		545
Nemertina			
Nemertina	4		91
Phoronida			
Phoronis spp.	4		91
Number of Taxa w/ Epi.	37		
Number of Taxa w/o Epi.	31		
Total Count w/ Epi.	509		
Total Count w/o Epi.	442		
Total Abundance w/ Epi.			11568
Total Abundance w/o Epi.			10045

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0119			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	18		409
Diopatra cuprea	3		68
Euclymene zonalis	19		432
Exogone dispar	8		182
Glycera americana	2		45
Glycinde solitaria	20		455
Leitoscoloplos robustus	1		23
Mediomastus ambiseta	4		91
Mediomastus spp. *	187		4250
Melinna maculata	2		45
Neanthes succinea	4		91
Notomastus sp. A Ewing	55		1250
Paraprionospio pinnata	13		295
Pectinaria gouldii	4		91
Phyllodoce arenae	1		23
Podarke obscura	2		45
Podarkeopsis levifuscina	2		45
Polydora cornuta	2		45
Sabaco elongatus	1		23
Scoletoma tenuis	5		114
Streblospio benedicti	5		114
Arthropoda : Amphipoda			
Ampelisca abdita	18		409
Ericthonius brasiliensis (Epi.)	3		68
Listriella barnardi	9		205
Monocorophium tuberculatum (Epi.)	22		500
Paracaprella tenuis (Epi.)	3		68
Unciola serrata	2		45
Arthropoda : Cumacea			
Leucon americanus	8		182
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	6		136
Cnidaria : Anthozoa			
Anthozoa	11		250
Echinodermata : Holothuroidea			
Leptosynapta tenuis	3		68
Pentamera pulcherrima	2		45
Mollusca : Bivalvia			
Macoma tenta	1		23
Mulinia lateralis	2		45
Tagelus divisus	9		205
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Odostomia engonia (Epi.)	5		114
Turbonilla interrupta (Epi.)	12		273
Nemertina			
Nemertina	5		114
Phoronida			
Phoronis spp.	5		114
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	43		
Number of Taxa w/o Epi.	36		
Total Count w/ Epi.	490		
Total Count w/o Epi.	438		
Total Abundance w/ Epi.			11136
Total Abundance w/o Epi.			9955

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

TAXA	Count	Abundance (#/m2)
Annelida : Oligochaeta		
Oligochaeta	2	45
Annelida : Polychaeta		
Brania clavata	2	45
Demonax microphthalmus	1	23
Euclymena zonalis	8	182
Exogone dispar	32	727
Glycera americana	1	23
Glycinde solitaria	13	295
Leitoscoloplos robustus	10	227
Leitoscoloplos spp. *	1	23
Maldanidae *	1	23
Mediomastus ambiseta	20	455
Mediomastus spp. *	56	1273
Melinna maculata	1	23
Notomastus sp. A Ewing	4	91
Parapionosyllis longicirrata	1	23
Pista palmata	2	45
Sabaco elongatus	1	23
Scoletoma tenuis	2	45
Sphaerosyllis brevidentata	1	23
Spiochaetopterus costarum	19	432
Spirorbis corrugatus (Epi.)	5	114
Streblospio benedicti	1	23
Syllidae *	1	23
Tharyx sp. A Morris	3	68
Arthropoda : Amphipoda		
Americhelidium americanum	7	159
Ameroculodes species complex	2	45
Ampelisca abdita	364	8273
Ampelisca vadorum	6	136
Ampelisca verrilli	1	23
Batea catharinensis (Epi.)	7	159
Caprella penantis (Epi.)	16	364
Elasmopus laevis (Epi.)	22	500
Eobrolgus spinosus	1	23
Gitanopsis tortugae (Epi.)	1	23
Listriella barnardi	2	45
Lysianopsis alba	1	23
Monocorophium tuberculatum (Epi.)	1	23
Paracaprella tenuis (Epi.)	5	114
Stenothoe georgiana (Epi.)	8	182
Arthropoda : Cumacea		
Cyclaspis varians	4	91
Oxyurostylis smithi	6	136
Arthropoda : Isopoda		
Erichsonella filiformis (Epi.)	3	68
Paracerceis caudata (Epi.)	1	23
Arthropoda : Mysidacea		
Americamysis bahia (Epi.)	1	23
Arthropoda : Pycnogonida		
Callipallene brevirostris (Epi.)	14	318
Echinodermata : Holothuroidea		
Leptosynapta tenuis	4	91
Mollusca : Bivalvia		
Mulinia lateralis	2	45
Tagelus divisus	9	205
Teiliina agilis	1	23
Mollusca : Gastropoda		
Acteocina canaliculata	1	23
Nemertina		
Nemertina	4	91
Number of Taxa w/ Epi.	47	
Number of Taxa w/o Epi.	35	
Total Count w/ Epi.	682	
Total Count w/o Epi.	598	
Total Abundance w/ Epi.		15500
Total Abundance w/o Epi.		13591

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0121			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	11		250
Oligochaeta			
Annelida : Polychaeta			
Brania clavata	9		205
Clymenella torquata	1		23
Exogone dispar	36		818
Glycinde solitaria	1		23
Leitoscoloplos robustus	13		295
Mediomastus ambiseta	123		2795
Mediomastus spp. *	99		2250
Melinna maculata	1		23
Neanthes arenaceodentata	8		182
Prionospio heterobranchia	125		2841
Scolelepis texana	1		23
Scoletoma tenuis	42		955
Spiochaetopterus costarum	4		91
Spiorbis corrugatus (Epi.)	282		6409
Streblospio benedicti	288		6545
Arthropoda : Amphipoda			
Ameroculodes species complex	2		45
Ampelisca abdita	43		977
Ampelisca vadorum	10		227
Ampelisca verrilli	2		45
Cymadusa compta (Epi.)	44		1000
Dulichiella appendiculata (Epi.)	13		295
Elasmopus laevis (Epi.)	37		841
Listriella barnardi	3		68
Lysianopsis alba	4		91
Microdeutopus gryllotalpa (Epi.)	54		1227
Monocorophium acherusicum (Epi.)	1		23
Mucrogammarus mucronatus (Epi.)	12		273
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Cyathura burbancki	4		91
Edotea triloba (Epi.)	1		23
Erichsonella filiformis (Epi.)	1		23
Paracerceis caudata (Epi.)	2		45
Arthropoda : Mysidacea			
Americamysis bahia (Epi.)	5		114
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Gastropoda			
Nudibranchia (Epi.)	1		23
Odostomia engonia (Epi.)	8		182
Nemertina			
Nemertina	10		227
Number of Taxa w/ Epi.	37		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	1303		
Total Count w/o Epi.	842		
Total Abundance w/ Epi.			29614
Total Abundance w/o Epi.			19136

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0122			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Clymenella torquata	3		68
Diopatra cuprea	2		45
Euclymene zonalis	7		159
Exogone dispar	5		114
Glycinde solitaria	3		68
Mediomastus ambiseta	6		136
Mediomastus spp. *	10		227
Melinna maculata	2		45
Notomastus sp. A Ewing	10		227
Pectinaria gouldii	2		45
Arthropoda : Amphipoda			
Listriella barnardi	1		23
Paracaprella tenuis (Epi.)	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Pentamera pulcherrima	1		23
Mollusca : Bivalvia			
Macoma tenta	2		45
Mulinia lateralis	1		23
Tagelus divisus	7		159
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
<hr/>			
Number of Taxa w/ Epi.	19		
Number of Taxa w/o Epi.	18		
Total Count w/ Epi.	68		
Total Count w/o Epi.	67		
Total Abundance w/ Epi.			1545
Total Abundance w/o Epi.			1523

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0123			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Brania clavata</i>	1		23
<i>Diopatra cuprea</i>	1		23
<i>Euclymene zonalis</i>	1		23
<i>Exogone dispar</i>	7		159
<i>Glycinde solitaria</i>	3		68
<i>Mediomastus ambiseta</i>	14		318
<i>Mediomastus spp.</i> *	13		295
<i>Pista palmata</i>	4		91
<i>Scolelepis texana</i>	2		45
Arthropoda : Amphipoda			
<i>Americhelidium americanum</i>	2		45
<i>Ameroculodes species complex</i>	1		23
<i>Ampelisca abdita</i>	9		205
<i>Ampelisca vadorum</i>	1		23
<i>Ampelisca verrilli</i>	1		23
<i>Eobrolgus spinosus</i>	9		205
<i>Listriella barnardi</i>	1		23
<i>Microprotopus raneyi</i> (Epi.)	1		23
<i>Monocorophium tuberculatum</i> (Epi.)	1		23
<i>Paracaprella tenuis</i> (Epi.)	3		68
<i>Rhepoxynius hudsoni</i>	13		295
<i>Stenothoe georgiana</i> (Epi.)	1		23
Arthropoda : Cumacea			
<i>Oxyurostylis smithi</i>	2		45
Arthropoda : Isopoda			
<i>Cyathura burbancki</i>	2		45
Echinodermata : Holothuroidea			
<i>Leptosynapta tenuis</i>	19		432
Mollusca : Bivalvia			
<i>Solemya velum</i>	1		23
<i>Tagelus divisus</i>	2		45
<i>Tellina agilis</i>	2		45
Mollusca : Gastropoda			
<i>Crepidula convexa</i> (Epi.)	1		23
<i>Nudibranchia</i> (Epi.)	1		23
Nemertina			
<i>Nemertina</i>	2		45
Phoronida			
<i>Phoronis spp.</i>	1		23
Number of Taxa w/ Epi.	30		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	122		
Total Count w/o Epi.	114		
Total Abundance w/ Epi.			2773
Total Abundance w/o Epi.			2591

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0124			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Carazziella hobsonae	1		23
Clymenella torquata	8		182
Diopatra cuprea	2		45
Euclymene zonalis	38		864
Exogone dispar	2		45
Glycera americana	2		45
Glycinde solitaria	25		568
Mediomastus ambiseta	14		318
Mediomastus spp. *	180		4091
Melinna maculata	1		23
Notomastus sp. A Ewing	66		1500
Paraprionospio pinnata	8		182
Pectinaria gouldii	1		23
Podarkeopsis levifuscina	4		91
Scoloplos rubra	1		23
Spiochaetopterus costarum	4		91
Arthropoda : Amphipoda			
Americhelidium americanum	1		23
Ameroculodes species complex	1		23
Ampelisca vadorum	1		23
Ampelisca verrilli	2		45
Cerapus tubularis (Epi.)	2		45
Listriella barnardi	7		159
Unciola serrata	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	19		432
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Tagelus divisus	2		45
Nemertina			
Nemertina	7		159
Phoronida			
Phoronis spp.	14		318
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	30		
Total Count w/ Epi.	423		
Total Count w/o Epi.	419		
Total Abundance w/ Epi.			9614
Total Abundance w/o Epi.			9523

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0125			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Cabira incerta	1		23
Clymenella torquata	8		182
Euclymene zonalis	1		23
Glycera americana	3		68
Glycinde solitaria	14		318
Mediomastus ambiseta	80		1818
Mediomastus spp. *	44		1000
Melinna maculata	1		23
Notomastus sp. A Ewing	4		91
Paraprionospio pinnata	2		45
Scolelepis spp.	1		23
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ameroculodes species complex	1		23
Ampelisca abdita	60		1364
Ampelisca vadorum	1		23
Ampelisca verrilli	18		409
Batea catharinensis (Epi.)	1		23
Cerapus tubularis (Epi.)	1		23
Erichthonus brasiliensis (Epi.)	15		341
Listriella barnardi	2		45
Monocorophium tuberculatum (Epi.)	9		205
Photis spp. (Epi.)	1		23
Rhepoxygnus hudsoni	2		45
Cnidaria : Anthozoa			
Anthozoa	3		68
Echinodermata : Holothuroidea			
Leptosynapta tenuis	3		68
Mollusca : Bivalvia			
Bivalvia	1		23
Tagelus divisus	4		91
Tellina agilis	1		23
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	5		114
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	30		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	292		
Total Count w/o Epi.	264		
Total Abundance w/ Epi.			6636
Total Abundance w/o Epi.			6000

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0126			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Carazziella hobsonae	3		68
Ceratonereis irritabilis	6		136
Clymenella torquata	4		91
Euclymene zonalis	25		568
Exogone dispar	1		23
Glycera americana	3		68
Glycinde solitaria	26		591
Heteromastus filiformis	1		23
Leitoscoloplos robustus	5		114
Mediomastus ambiseta	3		68
Mediomastus spp. *	159		3614
Notomastus sp. A Ewing	41		932
Paraprionospio pinnata	24		545
Podarkeopsis levifuscina	1		23
Scoletoma tenuis	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	15		341
Batea catharinensis (Epi.)	1		23
Cerapus tubularis (Epi.)	13		295
Listriella barnardi	13		295
Paracaprella tenuis (Epi.)	3		68
Unciola serrata	1		23
Arthropoda : Cumacea			
Leucon americanus	1		23
Arthropoda : Isopoda			
Edotea triloba (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	4		91
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Mollusca : Bivalvia			
Mulinia lateralis	4		91
Tagelus divisus	1		23
Mollusca : Gastropoda			
Odostomia engonia (Epi.)	4		91
Turbonilla interrupta (Epi.)	8		182
Nemertina			
Nemertina	4		91
Phoronida			
Phoronis spp.	1		23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	6		136
Sipuncula			
Sipuncula	2		45
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	26		
Total Count w/ Epi.	389		
Total Count w/o Epi.	351		
Total Abundance w/ Epi.			8841
Total Abundance w/o Epi.			7977

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0127			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	8		182
Annelida : Polychaeta			
Carazziella hobsonae	10		227
Ceratonereis irritabilis	1		23
Clymenella torquata	16		364
Diopatra cuprea	1		23
Euclymene zonalis	26		591
Exogone dispar	2		45
Glycera americana	5		114
Glycinde solitaria	21		477
Mediomastus ambiseta	1		23
Mediomastus spp. *	225		5114
Melinna maculata	1		23
Notomastus sp. A Ewing	29		659
Odontosyllis fulgorans (Epi.)	1		23
Paraprionospio pinnata	11		250
Pectinaria gouldii	1		23
Phyllodoce arenae	1		23
Podarkeopsis levifuscina	3		68
Polydora cornuta	2		45
Sabaco elongatus	6		136
Arthropoda : Amphipoda			
Americhelidium americanum	1		23
Ampelisca abdita	30		682
Ampelisca verrilli	1		23
Cerapus tubularis (Epi.)	10		227
Erichthionius brasiliensis (Epi.)	3		68
Listriella barnardi	13		295
Monocorophium tuberculatum (Epi.)	4		91
Paracaprella tenuis (Epi.)	5		114
Stenothoe georgiana (Epi.)	1		23
Unciola serrata	3		68
Arthropoda : Cumacea			
Leucon americanus	1		23
Arthropoda : Isopoda			
Cyathura burbancki	4		91
Edotea triloba (Epi.)	3		68
Cnidaria : Anthozoa			
Anthozoa	7		159
Echinodermata : Holothuroidea			
Pentamera pulcherrima	6		136
Mollusca : Bivalvia			
Macoma tenta	2		45
Mollusca : Gastropoda			
Nudibranchia (Epi.)	1		23
Odostomia engonia (Epi.)	1		23
Turbonilla interrupta (Epi.)	1		23
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	5		114
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	2		45
Number of Taxa w/ Epi.	41		
Number of Taxa w/o Epi.	30		
Total Count w/ Epi.	476		
Total Count w/o Epi.	444		
Total Abundance w/ Epi.			10818
Total Abundance w/o Epi.			10091

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0128			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	6		136
Annelida : Polychaeta			
Clymenella torquata	5		114
Diopatra cuprea	1		23
Euclymene zonalis	7		159
Exogone dispar	7		159
Glycera americana	2		45
Glycinde solitaria	18		409
Leitoscoloplos robustus	2		45
Mediomastus ambiseta	77		1750
Mediomastus spp. *	71		1614
Melinna maculata	3		68
Podarkeopsis levifuscina	4		91
Polydora cornuta	1		23
Spiochaetopterus costarum	5		114
Streblospio benedicti	1		23
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Americhelidium americanum	8		182
Ameroculodes species complex	1		23
Ampelisca abdita	46		1045
Ampelisca vadorum	1		23
Ampelisca verrilli	18		409
Batea catharinensis (Epi.)	6		136
Cymadusa compta (Epi.)	1		23
Elasmopus laevis (Epi.)	1		23
Listriella barnardi	4		91
Micropotopodus raneyi (Epi.)	2		45
Monocorophium tuberculatum (Epi.)	2		45
Rhepoxynius hudsoni	3		68
Arthropoda : Cumacea			
Cyclaspis varians	1		23
Leucon americanus	1		23
Oxyurostylis smithi	7		159
Arthropoda : Isopoda			
Cyathura burbancki	4		91
Edotea triloba (Epi.)	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	3		68
Pentamera pulcherrima	1		23
Mollusca : Bivalvia			
Macoma tenta	1		23
Mulinia lateralis	5		114
Tagelus divisus	1		23
Tellina agilis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	6		136
Gastropoda (Epi.)	1		23
Nemertina			
Nemertina	5		114
Phoronida			
Phoronis spp.	6		136
Number of Taxa w/ Epi.	42		
Number of Taxa w/o Epi.	35		
Total Count w/ Epi.	348		
Total Count w/o Epi.	334		
Total Abundance w/ Epi.			7909
Total Abundance w/o Epi.			7591

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0129			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	8		182
Annelida : Polychaeta			
Clymenella torquata	20		455
Euclymene zonalis	1		23
Exogone dispar	2		45
Glycera americana	3		68
Glycinde solitaria	12		273
Leitoscoloplos spp.	4		91
Mediomastus ambiseta	51		1159
Mediomastus californiensis	3		68
Mediomastus spp. *	25		568
Melinna maculata	3		68
Spiochaetopterus costarum	1		23
Arthropoda : Amphipoda			
Amrichelidium americanum	2		45
Ampelisca abdita	257		5841
Ampelisca vadorum	6		136
Ampelisca verrilli	3		68
Listriella barnardi	5		114
Lysianopsis alba	1		23
Micropotopus raneyi (Epi.)	1		23
Monocorophium tuberculatum (Epi.)	7		159
Arthropoda : Cumacea			
Leucon americanus	1		23
Oxyurostylis smithi	1		23
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Arthropoda : Isopoda			
Cyathura burbancki	5		114
Edotea triloba (Epi.)	1		23
Arthropoda : Mysidacea			
Americamysis spp. (Epi.)	1		23
Mollusca : Bivalvia			
Tellina agilis	1		23
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	1		23
Number of Taxa w/ Epi.	28		
Number of Taxa w/o Epi.	24		
Total Count w/ Epi.	428		
Total Count w/o Epi.	418		
Total Abundance w/ Epi.			9727
Total Abundance w/o Epi.			9500

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0130			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	6		136
Annelida : Polychaeta			
Carazziella hobsonae	15		341
Clymenella torquata	9		205
Euclymene zonalis	14		318
Exogone dispar	5		114
Glycera americana	1		23
Glycinde solitaria	28		636
Leitoscoloplos robustus	6		136
Mediomastus ambiseta	2		45
Mediomastus spp. *	195		4432
Notomastus sp. A Ewing	10		227
Paraprionospio pinnata	20		455
Podarkeopsis levifuscina	5		114
Scoletoma tenuis	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	9		205
Ampelisca verrilli	5		114
Cerapus tubularis (Epi.)	7		159
Erichtonius brasiliensis (Epi.)	18		409
Listriella barnardi	8		182
Monocorophium tuberculatum (Epi.)	23		523
Paracaprella tenuis (Epi.)	30		682
Arthropoda : Cumacea			
Leucon americanus	7		159
Arthropoda : Isopoda			
Cyathura burbancki	3		68
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	2		45
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Mollusca : Bivalvia			
Mulinia lateralis	2		45
Tagelus divisus	3		68
Tellina agilis	1		23
Mollusca : Gastropoda			
Nudibranchia (Epi.)	1		23
Odostomia engonia (Epi.)	7		159
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	1		23
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	3		68
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	453		
Total Count w/o Epi.	362		
Total Abundance w/ Epi.			10295
Total Abundance w/o Epi.			8227

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0131			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Aricidea catherinae	10		227
Clymenella torquata	1		23
Euclymene zonalis	3		68
Exogone dispar	13		295
Glycinde solitaria	18		409
Leitoscoloplos robustus	1		23
Mediomastus ambiseta	35		795
Mediomastus spp. *	100		2273
Pectinaria gouldii	1		23
Podarkeopsis levifuscina	1		23
Polydora cornuta	1		23
Scolelepis bousfieldi	1		23
Spiochaetopterus costarum	7		159
Spirorbis corrugatus (Epi.)	1		23
Arthropoda : Amphipoda			
Americhelidium americanum	6		136
Ameroculodes species complex	2		45
Ampelisca abdita	22		500
Ampelisca vadorum	11		250
Ampelisca verrilli	26		591
Batea catharinensis (Epi.)	6		136
Cerapus tubularis (Epi.)	4		91
Elasmopus laevis (Epi.)	3		68
Ericthonius brasiliensis (Epi.)	10		227
Listriella barnardi	2		45
Microprotopus raneyi (Epi.)	2		45
Paracaprella tenuis (Epi.)	4		91
Rhepoxynius hudsoni	2		45
Arthropoda : Cumacea			
Oxyurostylis smithi	7		159
Arthropoda : Isopoda			
Erichsonella filiformis (Epi.)	1		23
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	3		68
Echinodermata : Holothuroidea			
Pentamera pulcherrima	2		45
Mollusca : Bivalvia			
Mulinia lateralis	13		295
Tagelus divisus	4		91
Mollusca : Gastropoda			
Acteocina canaliculata	7		159
Nemertina			
Nemertina	4		91
Phoronida			
Phoronis spp.	5		114
Number of Taxa w/ Epi.	36		
Number of Taxa w/o Epi.	27		
Total Count w/ Epi.	340		
Total Count w/o Epi.	308		
Total Abundance w/ Epi.			7727
Total Abundance w/o Epi.			7000

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0132			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Capitella capitata complex	2		45
Ceratonereis irritabilis	2		45
Euclymene zonalis	5		114
Exogone dispar	16		364
Glycera americana	2		45
Glycinde solitaria	7		159
Heteromastus filiformis	2		45
Leitoscoloplos robustus	9		205
Leitoscoloplos spp. *	7		159
Mediomastus ambiseta	2		45
Mediomastus spp. *	79		1795
Melinna maculata	3		68
Paraprionospio pinnata	9		205
Polydora cornuta	1		23
Sabaco elongatus	10		227
Scoletoma tenuis	4		91
Spiochaetopterus costarum	5		114
Arthropoda : Amphipoda			
Ampelisca abdita	21		477
Ampelisca vadorum	1		23
Batea catharinensis (Epi.)	2		45
Cerapus tubularis (Epi.)	8		182
Ericthonius brasiliensis (Epi.)	5		114
Listriella barnardi	32		727
Monocorophium tuberculatum (Epi.)	3		68
Unciola serratula	5		114
Arthropoda : Cumacea			
Leucon americanus	13		295
Arthropoda : Isopoda			
Cyathura burbancki	1		23
Edotea triloba (Epi.)	2		45
Echinodermata : Holothuroidea			
Leptosynapta tenuis	3		68
Mollusca : Bivalvia			
Macoma tenta	1		23
Mulinia lateralis	2		45
Tagelus divisus	8		182
Mollusca : Gastropoda			
Acteocina canaliculata	2		45
Turbanilla interrupta (Epi.)	15		341
Nemertina			
Nemertina	3		68
Phoronida			
Phoronis spp.	9		205
Number of Taxa w/ Epi.	35		
Number of Taxa w/o Epi.	29		
Total Count w/ Epi.	303		
Total Count w/o Epi.	268		
Total Abundance w/ Epi.			6886
Total Abundance w/o Epi.			6091

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0133			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Clymenella torquata	11	250	
Euclymene zonalis	12	273	
Glycera americana	2	45	
Glycinde solitaria	19	432	
Mediomastus ambiseta	5	114	
Mediomastus spp. *	150	3409	
Notomastus sp. A Ewing	23	523	
Parapronospio pinnata	18	409	
Phyllodoce arenae	1	23	
Podarkeopsis levifuscina	3	68	
Scoletoma tenuis	1	23	
Spiochaetopterus costarum	1	23	
Arthropoda : Amphipoda			
Ampelisca abdita	11	250	
Ampelisca verrilli	4	91	
Cerapus tubularis (Epi.)	17	386	
Listriella barnardi	17	386	
Paracaprella tenuis (Epi.)	2	45	
Unciola serrata	3	68	
Arthropoda : Cumacea			
Leucon americanus	1	23	
Arthropoda : Isopoda			
Cyathura burbancki	1	23	
Edotea triloba (Epi.)	3	68	
Cnidaria : Anthozoa			
Anthozoa	1	23	
Mollusca : Bivalvia			
Mulinia lateralis	3	68	
Tagelus divisus	6	136	
Mollusca : Gastropoda			
Odostomia engonia (Epi.)	1	23	
Nemertina			
Nemertina	3	68	
Phoronida			
Phoronis spp.	1	23	
Sipuncula			
Sipuncula	1	23	
Number of Taxa w/ Epi.	27		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	321		
Total Count w/o Epi.	298		
Total Abundance w/ Epi.		7295	
Total Abundance w/o Epi.		6773	

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0134			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Arabella iricolor	2		45
Aricidea catherinae	7		159
Brania clavata	7		159
Capitella capitata complex	1		23
Ceratonereis irritabilis	16		364
Clymenella torquata	37		841
Diopatra cuprea	1		23
Dorvillea rudolphi	1		23
Euclymene zonalis	26		591
Eumida sanguinea	5		114
Exogone dispar	188		4273
Glycera americana	3		68
Glycinde solitaria	29		659
Heteromastus filiformis	1		23
Hydroides dianthus (Epi.)	4		91
Hydroides spp. *	9		205
Leitoscoloplos robustus	1		23
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	25		568
Mediomastus spp. *	132		3000
Melinna maculata	4		91
Odontosyllis fulgurans (Epi.)	1		23
Parapionosyllis longicirrata	109		2477
Paraprionospio pinnata	1		23
Pectinaria gouldii	1		23
Phyllodoce arenae	1		23
Piromis roberti	4		91
Polycirrus eximius	40		909
Prionospio heterobranchia	1		23
Sabaco elongatus	1		23
Scolelepis bousfieldi	3		68
Scoletoma tenuis	2		45
Sphaerosyllis brevidentata	5		114
Sphaerosyllis erinaceus	13		295
Streblospio benedicti	5		114
Syllidae *	2		45
Syllis spp.	1		23
Tharyx sp. A Morris	2		45
Arthropoda : Amphipoda			
Americhelidium americanum	1		23
Ampelisca abdita	33		750
Ampelisca vadorum	11		250
Ampelisca verrilli	1		23
Batea catharinensis (Epi.)	2		45
Elasmopus laevis (Epi.)	9		205
Eobrolgus spinosus	8		182
Globosolembos smithi (Epi.)	17		386
Listriella barnardi	3		68
Monocorophium tuberculatum (Epi.)	86		1955
Paracaprella tenuis (Epi.)	1		23
Unciola serrata	48		1091

Continued . . .

TAXA		Count	Abundance (#/m2)
Arthropoda : Cumacea			
Cyclaspis varians		11	250
Oxyurostylis smithi		6	136
Arthropoda : Isopoda			
Edotea triloba (Epi.)		1	23
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)		1	23
Cnidaria : Anthozoa			
Anthozoa		1	23
Echinodermata : Holothuroidea			
Pentamera pulcherrima		117	2659
Mollusca : Bivalvia			
Mulinia lateralis		44	1000
Nucula proxima		1	23
Tagelus divisus		7	159
Tellina agilis		1	23
Nemertina			
Nemertina		16	364
Phoronida			
Phoronis spp.		2	45
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)		1	23
<hr/>			
Number of Taxa w/ Epi.		60	
Number of Taxa w/o Epi.		50	
Total Count w/ Epi.		1122	
Total Count w/o Epi.		990	
Total Abundance w/ Epi.			25500
Total Abundance w/o Epi.			22500

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0135			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	8		182
Annelida : Polychaeta			
Diopatra cuprea	10		227
Exogone dispar	31		705
Glycinde solitaria	20		455
Leitoscoloplos robustus	2		45
Leitoscoloplos spp. *	6		136
Mediomastus ambiseta	38		864
Mediomastus spp. *	101		2295
Melinna maculata	3		68
Nereididae	1		23
Notomastus sp. A Ewing	1		23
Paraprionospio pinnata	5		114
Pista palmata	2		45
Podarkeopsis levifuscina	1		23
Polycirrus eximius	1		23
Polydora cornuta	3		68
Scoletoma tenuis	2		45
Sphaerosyllis brevidentata	4		91
Spiochaetopterus costarum	13		295
Streblospio benedicti	17		386
Arthropoda : Amphipoda			
Ampelisca abdita	1		23
Ampelisca vadorum	4		91
Batea catharinensis (Epi.)	2		45
Cymadusa compta (Epi.)	2		45
Elasmopus laevis (Epi.)	5		114
Listriella barnardi	5		114
Lysianopsis alba	1		23
Paracaprella tenuis (Epi.)	6		136
Arthropoda : Cumacea			
Cyclaspis varians	2		45
Leucon americanus	1		23
Oxyurostylis smithi	6		136
Arthropoda : Isopoda			
Cyathura burbancki	5		114
Edotea triloba (Epi.)	2		45
Echinodermata : Holothuroidea			
Leptosynapta tenuis	3		68
Mollusca : Bivalvia			
Gemma gemma	1		23
Macoma tenta	1		23
Mulinia lateralis	3		68
Solemya velum	1		23
Tagelus divisus	17		386
Tellina agilis	3		68
Mollusca : Gastropoda			
Acteocina canaliculata	9		205
Haminoea solitaria	2		45
Odostomia engonia (Epi.)	2		45
Nemertina			
Nemertina	2		45
Phoronida			
Phoronis spp.	5		114
Number of Taxa w/ Epi.	43		
Number of Taxa w/o Epi.	37		
Total Count w/ Epi.	360		
Total Count w/o Epi.	341		
Total Abundance w/ Epi.			8182
Total Abundance w/o Epi.			7750

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0136			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	3		68
Annelida : Polychaeta			
Ceratonereis irritabilis	1		23
Clymenella torquata	7		159
Diopatra cuprea	2		45
Euclymene zonalis	24		545
Exogone dispar	2		45
Glycinde solitaria	15		341
Mediomastus ambiseta	2		45
Mediomastus spp. *	267		6068
Notomastus sp. A Ewing	2		45
Paraprionospio pinnata	3		68
Podarkeopsis levifuscina	2		45
Scoletoma tenuis	2		45
Spiochaetopterus costarum	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	15		341
Ampelisca vadorum	1		23
Ampelisca verrilli	2		45
Cerapus tubularis (Epi.)	19		432
Ericthonius brasiliensis (Epi.)	27		614
Listriella barnardi	13		295
Monocorophium tuberculatum (Epi.)	18		409
Paracaprella tenuis (Epi.)	11		250
Arthropoda : Cumacea			
Leucon americanus	3		68
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Arthropoda : Isopoda			
Cyathura burbancki	4		91
Edotea triloba (Epi.)	4		91
Cnidaria : Anthozoa			
Anthozoa	2		45
Mollusca : Bivalvia			
Macoma tenta	3		68
Mulinia lateralis	2		45
Tagelus divisus	10		227
Tellina agilis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	4		91
Eupleura caudata (Epi.)	1		23
Nassarius vibex	2		45
Turbonilla interrupta (Epi.)	1		23
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	4		91
Sipuncula			
Sipuncula	1		23
Number of Taxa w/ Epi.	37		
Number of Taxa w/o Epi.	30		
Total Count w/ Epi.	484		
Total Count w/o Epi.	403		
Total Abundance w/ Epi.			11000
Total Abundance w/o Epi.			9159

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0137			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	2		45
Annelida : Polychaeta			
Aricidea catherinae	6		136
Clymenella torquata	22		500
Euclymene zonalis	30		682
Eumida sanguinea	1		23
Exogone dispar	41		932
Glycera americana	1		23
Glycinde solitaria	12		273
Hydroïdes dianthus (Epi.)	2		45
Leitoscoloplos robustus	1		23
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	26		591
Mediomastus spp. *	152		3455
Nereididae	1		23
Notomastus sp. A Ewing	1		23
Podarkeopsis levifuscina	2		45
Scolelepis bousfieldi	1		23
Spiochaetopterus costarum	7		159
Streblospio benedicti	1		23
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	67		1523
Ampelisca vadorum	14		318
Ampelisca verrilli	5		114
Batea catharinensis (Epi.)	4		91
Cerapus tubularis (Epi.)	8		182
Elasmopus laevis (Epi.)	2		45
Eobrolgus spinosus	2		45
Erichthionius brasiliensis (Epi.)	11		250
Listriella barnardi	8		182
Monocorophium tuberculatum (Epi.)	18		409
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Mysidacea			
Americamysis bahia (Epi.)	1		23
Cnidaria : Anthozoa			
Anthozoa	4		91
Echinodermata : Holothuroidea			
Leptosynapta tenuis	1		23
Pentamera pulcherrima	27		614
Mollusca : Bivalvia			
Mulinia lateralis	4		91
Solemya velum	1		23
Tagelus divisus	31		705
Tellina agilis	2		45
Mollusca : Gastropoda			
Acteocina canaliculata	10		227
Nassarius vibex	1		23
Nemertina			
Nemertina	7		159
Phoronida			
Phoronis spp.	24		545
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	1		23
Number of Taxa w/ Epi.	42		
Number of Taxa w/o Epi.	34		
Total Count w/ Epi.	565		
Total Count w/o Epi.	518		
Total Abundance w/ Epi.			12841
Total Abundance w/o Epi.			11773

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0138			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Euclymene zonalis</i>	5		114
<i>Glycera americana</i>	1		23
<i>Glycinde solitaria</i>	9		205
<i>Leitoscoloplos robustus</i>	2		45
<i>Mediomastus spp.</i>	55		1250
<i>Notomastus sp. A Ewing</i>	7		159
<i>Paraprionospio pinnata</i>	3		68
<i>Scoletoma tenuis</i>	5		114
<i>Spiochaetopterus costarum</i>	4		91
Arthropoda : Amphipoda			
<i>Ampelisca abdita</i>	17		386
<i>Ampelisca vadorum</i>	1		23
<i>Batea catharinensis</i> (Epi.)	1		23
<i>Cerapus tubularis</i> (Epi.)	5		114
<i>Listriella barnardi</i>	3		68
<i>Paracaprella tenuis</i> (Epi.)	1		23
Arthropoda : Cumacea			
<i>Leucon americanus</i>	1		23
Arthropoda : Isopoda			
<i>Cyathura burbancki</i>	4		91
Mollusca : Bivalvia			
<i>Macoma tenta</i>	1		23
<i>Spisula solidissima</i>	1		23
<i>Tagelus divisus</i>	8		182
Mollusca : Gastropoda			
<i>Acteocina canaliculata</i>	1		23
<i>Gastropoda</i> (Epi.)	1		23
Nemertina			
<i>Nemertina</i>	1		23
Phoronida			
<i>Phoronis spp.</i>	2		45
Number of Taxa w/ Epi.	24		
Number of Taxa w/o Epi.	20		
Total Count w/ Epi.	139		
Total Count w/o Epi.	131		
Total Abundance w/ Epi.			3159
Total Abundance w/o Epi.			2977

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

TAXA	Count	Abundance (#/m2)
Annelida : Oligochaeta		
Oligochaeta	25	568
Annelida : Polychaeta		
Arabellidae	1	23
Brania clavata	1	23
Carazziella hobsonae	59	1341
Euclymene zonalis	32	727
Exogone dispar	18	409
Glycera americana	3	68
Glycinde solitaria	20	455
Heteromastus filiformis	1	23
Leitoscoloplos spp.	9	205
Mediomastus ambiseta	1	23
Mediomastus californiensis	2	45
Mediomastus spp. *	170	3864
Melinna maculata	2	45
Monticellina dorsobranchialis	1	23
Notomastus sp. A Ewing	1	23
Odontosyllis fulgurans (Epi.)	4	91
Phyllodoce arenae	1	23
Piromis roberti	1	23
Pista cristata	1	23
Podarkeopsis levifuscina	3	68
Proceraea cornuta (Epi.)	1	23
Scoletoma tenuis	3	68
Spiochaetopterus costarum	2	45
Sthenelais boa	2	45
Arthropoda : Amphipoda		
Ampelisca abdita	76	1727
Ampelisca vadorum	4	91
Batea catharinensis (Epi.)	7	159
Cerapus tubularis (Epi.)	12	273
Dulichiella appendiculata (Epi.)	2	45
Elasmopus laevis (Epi.)	2	45
Erithonius brasiliensis (Epi.)	5	114
Gitanopsis tortugae (Epi.)	1	23
Listriella barnardi	23	523
Monocorophium acherusicum (Epi.)	4	91
Paracaprella tenuis (Epi.)	256	5818
Stenothoe georgiana (Epi.)	48	1091
Arthropoda : Cumacea		
Leucon americanus	1	23
Arthropoda : Decapoda		
Xanthidae (Epi.)	1	23
Arthropoda : Isopoda		
Cyathura burbancki	12	273
Paracerceis caudata (Epi.)	4	91
Arthropoda : Pycnogonida		
Callipallene brevirostris (Epi.)	35	795
Echinodermata : Holothuroidea		
Leptosynapta tenuis	1	23
Pentamera pulcherrima	1	23
Mollusca : Bivalvia		
Macoma tenta	1	23
Tagelus divisus	6	136
Mollusca : Gastropoda		
Acteocina canaliculata	1	23
Astyris lunata (Epi.)	1	23
Gastropoda *	6	136
Nemertina		
Nemertina	6	136
Phoronida		
Phoronis spp.	1	23
Number of Taxa w/ Epi.	49	
Number of Taxa w/o Epi.	34	
Total Count w/ Epi.	881	
Total Count w/o Epi.	492	
Total Abundance w/ Epi.		20023
Total Abundance w/o Epi.		11182

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0140			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	18		409
Annelida : Polychaeta			
Arabella iricolor	2		45
Aricidea catherinae	1		23
Carazziella hobsonae	1		23
Ceratonereis irritabilis	1		23
Clymenella torquata	3		68
Euclymene zonalis	16		364
Exogone dispar	3		68
Glycinde solitaria	10		227
Hauchiella sp. A Kritzler	2		45
Leitoscoloplos robustus	5		114
Mediomastus spp.	173		3932
Monticellina dorsobranchialis	11		250
Notomastus sp. A Ewing	27		614
Paraprionospio pinnata	1		23
Pista cristata	1		23
Podarkeopsis levifuscina	1		23
Polycirrus eximius	4		91
Sabaco elongatus	2		45
Scoletoma tenuis	7		159
Spiochaetopterus costarum	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	127		2886
Ampelisca verrilli	3		68
Cerapus tubularis (Epi.)	125		2841
Erichthionius brasiliensis (Epi.)	2		45
Listriella barnardi	18		409
Monocorophium tuberculatum (Epi.)	7		159
Paracaprella tenuis (Epi.)	11		250
Stenothoe georgiana (Epi.)	1		23
Arthropoda : Cumacea			
Leucon americanus	3		68
Arthropoda : Isopoda			
Cyathura burbancki	3		68
Edotea triloba (Epi.)	11		250
Mollusca : Bivalvia			
Gemma gemma	75		1705
Mulinia lateralis	1		23
Tagelus divisus	28		636
Tellina agilis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	7		159
Turbonilla interrupta (Epi.)	4		91
Nemertina			
Nemertina	6		136
Phoronida			
Phoronis spp.	2		45
Platyhelminthes : Turbellaria			
Turbellaria (Epi.)	2		45
Number of Taxa w/ Epi.	41		
Number of Taxa w/o Epi.	33		
Total Count w/ Epi.	727		
Total Count w/o Epi.	564		
Total Abundance w/ Epi.			16523
Total Abundance w/o Epi.			12818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0141			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	9		205
Annelida : Polychaeta			
Carazziella hobsonae	13		295
Ceratonereis irritabilis	4		91
Clymenella torquata	1		23
Euclymene zonalis	2		45
Exogone dispar	2		45
Glycera americana	1		23
Glycinde solitaria	10		227
Heteromastus filiformis	1		23
Maldanidae *	1		23
Mediomastus californiensis	1		23
Mediomastus spp. *	117		2659
Monticellina dorsobranchialis	2		45
Notomastus sp. A Ewing	6		136
Odontosyllis fulgurans (Epi.)	1		23
Onuphidae	1		23
Paraprionospio pinnata	2		45
Polycirrus eximius	3		68
Scoletoma tenuis	7		159
Spiochaetopterus costarum	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	47		1068
Ampelisca vadorum	1		23
Cerapus tubularis (Epi.)	2		45
Eobrolgus spinosus	1		23
Listriella barnardi	2		45
Monocorophium tuberculatum (Epi.)	1		23
Paracaprella tenuis (Epi.)	3		68
Arthropoda : Cumacea			
Leucon americanus	1		23
Arthropoda : Isopoda			
Cyathura burbancki	7		159
Arthropoda : Pycnogonida			
Callipallene brevirostris (Epi.)	1		23
Mollusca : Bivalvia			
Lyonsia hyalina	2		45
Tagelus divisus	6		136
Mollusca : Gastropoda			
Acteoecina canaliculata	4		91
Crepidula spp. (Epi.)	2		45
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	27		
Total Count w/ Epi.	266		
Total Count w/o Epi.	256		
Total Abundance w/ Epi.			6045
Total Abundance w/o Epi.			5818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0142			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	32		727
Oligochaeta			
Annelida : Polychaeta			
Carazziella hobsonae	96		2182
Ceratonereis irritabilis	1		23
Euclymene zonalis	18		409
Exogone dispar	8		182
Glycera americana	4		91
Glycinde solitaria	5		114
Heteromastus filiformis	1		23
Leitoscoloplos spp.	4		91
Mediomastus ambiseta	5		114
Mediomastus spp. *	130		2955
Monticellina dorsobranchialis	20		455
Notomastus sp. A Ewing	6		136
Podarke obscura	1		23
Polycirrus eximius	1		23
Prionospio heterobranchia	7		159
Scoletoma tenuis	23		523
Spiochaetopterus costarum	1		23
Tharyx sp. A Morris	8		182
Arthropoda : Amphipoda			
Ampelisca abdita	13		295
Batea catharinensis (Epi.)	1		23
Elasmopus laevis (Epi.)	5		114
Eobrolgus spinosus	2		45
Lembos websteri (Epi.)	2		45
Listriella barnardi	4		91
Paracaprella tenuis (Epi.)	7		159
Arthropoda : Isopoda			
Cyathura burbancki	6		136
Paracerceis caudata (Epi.)	1		23
Arthropoda : Mysidacea			
Americamysis spp. (Epi.)	2		45
Mollusca : Bivalvia			
Macoma tenta	1		23
Tagelus divisus	2		45
Nemertina			
Nemertina	3		68
Number of Taxa w/ Epi.	31		
Number of Taxa w/o Epi.	25		
Total Count w/ Epi.	420		
Total Count w/o Epi.	402		
Total Abundance w/ Epi.			9545
Total Abundance w/o Epi.			9136

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0143			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	26		591
Oligochaeta			
Annelida : Polychaeta			
Apoprionospio pygmaea	2		45
Arabella iricolor	1		23
Ceratonereis irritabilis	2		45
Cossura sp. A Maciolek	1		23
Dipolydora socialis	1		23
Euclymene zonalis	6		136
Exogone dispar	7		159
Glycera americana	2		45
Glycinde solitaria	1		23
Leitoscoloplos robustus	2		45
Marpysa sanguinea	1		23
Mediomastus ambiseta	5		114
Mediomastus spp. *	18		409
Nereididae *	2		45
Owenia fusiformis	4		91
Paraprionospio pinnata	3		68
Pectinaria gouldii	1		23
Pseudopotamilla reniformis	17		386
Scoletoma tenuis	23		523
Streblospio benedicti	8		182
Arthropoda : Amphipoda			
Ampelisca abdita	67		1523
Ampelisca vadorum	1		23
Ampelisca verrilli	3		68
Batea catharinensis (Epi.)	1		23
Cerapus tubularis (Epi.)	2		45
Eobrolgus spinosus	6		136
Listriella barnardi	9		205
Monocorophium tuberculatum (Epi.)	6		136
Paracaprella tenuis (Epi.)	14		318
Arthropoda : Cephalocarida			
Hutchinsoniella macracantha	1		23
Arthropoda : Cumacea			
Oxyurostylis smithi	2		45
Arthropoda : Decapoda			
Pinnixa spp.	1		23
Arthropoda : Pycnogonida			
Anoplodactylus petiolatus (Epi.)	5		114
Cnidaria : Anthozoa			
Anthozoa	1		23
Mollusca : Bivalvia			
Mercenaria mercenaria	1		23
Mulinia lateralis	3		68
Tagelus divisus	4		91
Tellina agilis	1		23
Mollusca : Gastropoda			
Acteocina canaliculata	4		91
Crepidula spp. (Epi.)	1		23
Nemertina			
Nemertina	7		159
Phoronida			
Phoronis spp.	7		159
Number of Taxa w/ Epi.	41		
Number of Taxa w/o Epi.	35		
Total Count w/ Epi.	280		
Total Count w/o Epi.	251		
Total Abundance w/ Epi.			6364
Total Abundance w/o Epi.			5705

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0144			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	51		1159
Oligochaeta			
Annelida : Polychaeta			
Carazziella hobsonae	63		1432
Euclymene zonalis	14		318
Exogone dispar	7		159
Glycinde solitaria	12		273
Heteromastus filiformis	5		114
Leitoscoloplos robustus	2		45
Leitoscoloplos spp. *	1		23
Mediomastus ambiseta	10		227
Mediomastus spp. *	53		1205
Monticellina dorsobranchialis	2		45
Notomastus sp. A Ewing	4		91
Parapionosyllis longicirrata	1		23
Paraprionospio pinnata	3		68
Sabaco elongatus	5		114
Scoletoma tenuis	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	36		818
Ampelisca verrilli	1		23
Cerapus tubularis (Epi.)	9		205
Listriella barnardi	27		614
Arthropoda : Cumacea			
Leucon americanus	6		136
Arthropoda : Decapoda			
Ogyrides alphaerostris	1		23
Arthropoda : Isopoda			
Cyathura burbancki	9		205
Edotea triloba (Epi.)	1		23
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	23		
Number of Taxa w/o Epi.	21		
Total Count w/ Epi.	326		
Total Count w/o Epi.	316		
Total Abundance w/ Epi.			7409
Total Abundance w/o Epi.			7182

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0145			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	10		227
Annelida : Polychaeta			
Apoprionospio pygmaea	4		91
Cirratulidae *	26		591
Glycera americana	1		23
Glycinde solitaria	8		182
Mediomastus spp.	11		250
Phyllodoce arenae	2		45
Scolelepis texana	4		91
Scoletoma tenuis	1		23
Spiochaetopterus costarum	2		45
Spiophanes bombyx	1		23
Streblospio benedicti	50		1136
Tharyx sp. A Morris	5		114
Arthropoda : Amphipoda			
Americhelidium americanum	5		114
Ampelisca abdita	4		91
Ampelisca vadorum	1		23
Ampelisca verrilli	4		91
Batea catharinensis (Epi.)	2		45
Paracaprella tenuis (Epi.)	3		68
Rhepoxynius hudsoni	4		91
Arthropoda : Cumacea			
Oxyurostylis smithi	7		159
Arthropoda : Stomatopoda			
Squilla empusa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Hemichordata			
Saccoglossus kowalevskii	1		23
Mollusca : Bivalvia			
Mulinia lateralis	3		68
Tagelus divisus	8		182
Tellina agilis	29		659
Mollusca : Gastropoda			
Acteocina canaliculata	1		23
Nemertina			
Nemertina	5		114
Phoronida			
Phoronis spp.	3		68
Number of Taxa w/ Epi.	29		
Number of Taxa w/o Epi.	27		
Total Count w/ Epi.	208		
Total Count w/o Epi.	203		
Total Abundance w/ Epi.			4727
Total Abundance w/o Epi.			4614

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0146			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	1		23
Oligochaeta			
Annelida : Polychaeta			
Cirratulidae	1		23
Glycinde solitaria	3		68
Leitoscoloplos spp.	2		45
Maldanidae	1		23
Mediomastus ambiseta	5		114
Mediomastus spp. *	12		273
Notomastus sp. A Ewing	2		45
Scolelepis texana	1		23
Arthropoda : Amphipoda			
Americhelidium americanum	6		136
Ampelisca abdita	1		23
Bathyporeia quoddyensis	7		159
Rhepoxynius hudsoni	16		364
Arthropoda : Cumacea			
Oxyurostylis smithi	4		91
Arthropoda : Isopoda			
Edotea triloba (Epi.)	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Mollusca : Bivalvia			
Tellina agilis	38		864
Nemertina			
Nemertina	1		23
Number of Taxa w/ Epi.	17		
Number of Taxa w/o Epi.	16		
Total Count w/ Epi.	104		
Total Count w/o Epi.	103		
Total Abundance w/ Epi.			2364
Total Abundance w/o Epi.			2341

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0147			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Apoprionospio pygmaea	4		91
Brania clavata	4		91
Cirratulidae *	3		68
Glycinde solitaria	11		250
Leitoscoloplos robustus	2		45
Leitoscoloplos spp. *	8		182
Mediomastus ambiseta	3		68
Mediomastus spp. *	6		136
Neanthes arenaceodentata	2		45
Scolelepis texana	8		182
Streblospio benedicti	34		773
Tharyx sp. A Morris	1		23
Arthropoda : Amphipoda			
Ampelisca abdita	3		68
Ampelisca verrilli	1		23
Listriella barnardi	1		23
Microprotopus raneyi (Epi.)	1		23
Monocorophium tuberculatum (Epi.)	2		45
Arthropoda : Cumacea			
Leucon americanus	1		23
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	2		45
Mollusca : Bivalvia			
Gemma gemma	49		1114
Mercenaria mercenaria	6		136
Mulinia lateralis	1		23
Tagelus divisus	5		114
Tellinidae	8		182
Mollusca : Gastropoda			
Haminoea solitaria	1		23
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	2		45
Number of Taxa w/ Epi.	25		
Number of Taxa w/o Epi.	23		
Total Count w/ Epi.	171		
Total Count w/o Epi.	168		
Total Abundance w/ Epi.			3886
Total Abundance w/o Epi.			3818

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0148			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta	35		795
Oligochaeta			
Annelida : Polychaeta			
Apoprionospio pygmaea	6		136
Arabella iricolor	1		23
Carazziella hobsonae	1		23
Glycera americana	1		23
Glycinde solitaria	26		591
Leitoscoloplos robustus	2		45
Mediomastus ambiseta	61		1386
Mediomastus spp. *	35		795
Nereididae	2		45
Orbiniidae	1		23
Polygordius spp.	1		23
Spiochaetopterus costarum	2		45
Streblospio benedicti	165		3750
Syllidae	1		23
Tharyx sp. A Morris	7		159
Arthropoda : Amphipoda			
Ampelisca abdita	11		250
Ampelisca verrilli	7		159
Listriella barnardi	6		136
Arthropoda : Cumacea			
Oxyurostylis smithi	5		114
Cnidaria : Anthozoa			
Anthozoa	1		23
Echinodermata : Holothuroidea			
Leptosynapta tenuis	19		432
Mollusca : Bivalvia			
Bivalvia	2		45
Ensis directus	3		68
Macoma tenta	7		159
Mercenaria mercenaria	3		68
Mulinia lateralis	1		23
Tagelus divisus	8		182
Tellina agilis	14		318
Mollusca : Gastropoda			
Acteonina canaliculata	1		23
Haminoea solitaria	2		45
Nudibranchia (Epi.)	2		45
Nemertina			
Nemertina	2		45
Phoronida			
Phoronis spp.	2		45
Number of Taxa w/ Epi.	33		
Number of Taxa w/o Epi.	32		
Total Count w/ Epi.	443		
Total Count w/o Epi.	441		
Total Abundance w/ Epi.			10068
Total Abundance w/o Epi.			10023

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0149			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
Amastigos caperatus	2		45
Apoprionospio pygmaea	8		182
Glycinde solitaria	1		23
Leitoscoloplos robustus	1		23
Mediomastus spp.	3		68
Scoletoma tenuis	1		23
Streblospio benedicti	2		45
Tharyx sp. A Morris	16		364
Arthropoda : Amphipoda			
Americhelidium americanum	1		23
Ameroculodes species complex	5		114
Ampelisca verrilli	1		23
Caprella penantis (Epi.)	1		23
Listriella barnardi	2		45
Rhepoxynius hudsoni	7		159
Arthropoda : Cumacea			
Oxyurostylis smithi	8		182
Mollusca : Bivalvia			
Tellina agilis	2		45
Number of Taxa w/ Epi.	16		
Number of Taxa w/o Epi.	15		
Total Count w/ Epi.	61		
Total Count w/o Epi.	60		
Total Abundance w/ Epi.			1386
Total Abundance w/o Epi.			1364

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0150			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	83		1886
Annelida : Polychaeta			
Arabella iricolor	5		114
Brania clavata	5		114
Capitella capitata complex	1		23
Carazziella hobsonae	5		114
Ceratonereis irritabilis	1		23
Cirriformia grandis	1		23
Demonax microphthalmus	6		136
Euclymene zonalis	2		45
Eumida sanguinea	1		23
Exogone dispar	152		3455
Glycera americana	3		68
Glycinde solitaria	21		477
Heteromastus filiformis	1		23
Leitoscoloplos robustus	1		23
Mediomastus ambiseta	10		227
Mediomastus spp. *	222		5045
Notomastus sp. A Ewing	3		68
Owenia fusiformis	1		23
Pectinaria gouldii	3		68
Pista palmata	3		68
Platynereis dumerilii	1		23
Podarke obscura	1		23
Polydora cornuta	1		23
Proceraea cornuta (Epi.)	10		227
Sabaco elongatus	2		45
Scoletoma tenuis	17		386
Sphaerosyllis brevidentata	1		23
Spiophanes bombyx	1		23
Spirorbis corrugatus (Epi.)	2		45
Sthenelais boa	1		23
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	35		795
Ampelisca vadorum	46		1045
Batea catharinensis (Epi.)	8		182
Caprella penantis (Epi.)	16		364
Cerapus tubularis (Epi.)	5		114
Elasmopus laevis (Epi.)	19		432
Erichtonius brasiliensis (Epi.)	3		68
Lembos websteri (Epi.)	1		23
Listriella barnardi	47		1068
Lysianopsis alba	6		136
Paracaprella tenuis (Epi.)	136		3091
Stenothoe georgiana (Epi.)	9		205
Unciola serrata	9		205
Arthropoda : Cumacea			
Oxyurostylis smithi	1		23
Arthropoda : Isopoda			
Cyathura burbancki	2		45
Edotea triloba (Epi.)	7		159
Erichsonella filiformis (Epi.)	2		45
Paracerceis caudata (Epi.)	1		23

Continued . . .

TAXA		Count	Abundance (#/m2)
Arthropoda : Pycnogonida			
Anoplodactylus petiolatus	(Epi.)	1	23
Callipallene brevirostris	(Epi.)	11	250
Cnidaria : Anthozoa			
Anthozoa		9	205
Echinodermata : Holothuroidea			
Leptosynapta tenuis		1	23
Mollusca : Bivalvia			
Mulinia lateralis		4	91
Nucula proxima		1	23
Tagelus divisus		2	45
Tellina agilis		2	45
Mollusca : Gastropoda			
Crepidula spp.	(Epi.)	1	23
Nassarius vibex		1	23
Odostomia spp.	(Epi.)	1	23
Turbonilla interrupta	(Epi.)	10	227
Nemertina			
Nemertina		14	318
Phoronida			
Phoronis spp.		1	23
Platyhelminthes : Turbellaria			
Turbellaria	(Epi.)	2	45
<hr/>			
Number of Taxa w/ Epi.		64	
Number of Taxa w/o Epi.		45	
Total Count w/ Epi.		983	
Total Count w/o Epi.		738	
Total Abundance w/ Epi.			22341
Total Abundance w/o Epi.			16773

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0151			
TAXA	Count	Abundance (#/m2)	
Annelida : Oligochaeta			
Oligochaeta	1		23
Annelida : Polychaeta			
Arabella iricolor	2		45
Brania clavata	2		45
Clymenella torquata	6		136
Demonax microphthalmus	5		114
Diopatra cuprea	4		91
Euclymene zonalis	3		68
Eumida sanguinea	1		23
Exogone dispar	14		318
Glycera americana	5		114
Glycinde solitaria	6		136
Leitoscoloplos robustus	10		227
Mediomastus ambiseta	19		432
Mediomastus spp. *	66		1500
Pista cristata	2		45
Pista palmata	4		91
Podarkeopsis levifuscina	2		45
Polycirrus eximius	1		23
Polydora cornuta	2		45
Prionospio heterobranchia	1		23
Scoletoma tenuis	4		91
Spiophanes bombyx	1		23
Spirorbis corrugatus (Epi.)	1		23
Sthenelais boa	1		23
Streblospio benedicti	2		45
Arthropoda : Amphipoda			
Ampelisca abdita	21		477
Ampelisca vadorum	13		295
Ampelisca verrilli	4		91
Batea catharinensis (Epi.)	4		91
Cerapus tubularis (Epi.)	5		114
Elasmopus laevis (Epi.)	3		68
Listriella barnardi	29		659
Paracaprella tenuis (Epi.)	12		273
Arthropoda : Cumacea			
Oxyurostylis smithi	4		91
Arthropoda : Isopoda			
Cyathura burbancki	3		68
Edotea triloba (Epi.)	2		45
Cnidaria : Anthozoa			
Anthozoa	6		136
Echinodermata : Holothuroidea			
Leptosynapta tenuis	16		364
Mollusca : Bivalvia			
Gemma gemma	2		45
Macoma tenta	1		23
Solemya velum	2		45
Tagelus divisus	13		295
Tellina agilis	2		45
Nemertina			
Nemertina	1		23
Phoronida			
Phoronis spp.	10		227
Number of Taxa w/ Epi.	44		
Number of Taxa w/o Epi.	38		
Total Count w/ Epi.	318		
Total Count w/o Epi.	291		
Total Abundance w/ Epi.			7227
Total Abundance w/o Epi.			6614

* Indicates taxa skipped in taxa counts

NATIONAL COASTAL ASSESSMENT 2003 - MARYLAND COASTAL BAYS: BENTHIC TAXA INFORMATION

STATION : MD03-0152			
TAXA	Count	Abundance (#/m2)	
Annelida : Polychaeta			
<i>Brania wellfleetensis</i>	10		227
<i>Clymenella torquata</i>	2		45
<i>Euclymene zonalis</i>	3		68
<i>Exogone dispar</i>	8		182
<i>Glycinde solitaria</i>	8		182
<i>Leitoscoloplos robustus</i>	1		23
<i>Mediomastus ambiseta</i>	19		432
<i>Mediomastus spp. *</i>	58		1318
<i>Odontosyllis fulgurans (Epi.)</i>	1		23
<i>Paraprionospio pinnata</i>	1		23
<i>Pista palmata</i>	1		23
<i>Prionospio heterobranchia</i>	2		45
<i>Scolelepis texana</i>	1		23
<i>Scoletoma tenuis</i>	1		23
<i>Spiochaetopterus costarum</i>	7		159
<i>Spirorbis corrugatus (Epi.)</i>	2		45
<i>Tharyx sp. A Morris</i>	9		205
Arthropoda : Amphipoda			
<i>Americhelidium americanum</i>	3		68
<i>Ameroculodes species complex</i>	1		23
<i>Ampelisca abdita</i>	2		45
<i>Ampelisca vadorum</i>	3		68
<i>Ampelisca verrilli</i>	10		227
<i>Elasmopus laevis (Epi.)</i>	1		23
<i>Eobrolgus spinosus</i>	9		205
<i>Listriella barnardi</i>	13		295
<i>Rhepoxynius hudsoni</i>	23		523
Arthropoda : Cumacea			
<i>Oxyurostylis smithi</i>	6		136
Arthropoda : Isopoda			
<i>Cyathura burbancki</i>	2		45
<i>Paracerceis caudata (Epi.)</i>	1		23
Cnidaria : Anthozoa			
Anthozoa	2		45
Echinodermata : Holothuroidea			
<i>Leptosynapta tenuis</i>	1		23
Mollusca : Bivalvia			
<i>Gemma gemma</i>	2		45
<i>Mulinia lateralis</i>	2		45
<i>Tagelus divisus</i>	7		159
<i>Tellina agilis</i>	1		23
Nemertina			
<i>Nemertina</i>	6		136
Number of Taxa w/ Epi.	35		
Number of Taxa w/o Epi.	31		
Total Count w/ Epi.	229		
Total Count w/o Epi.	224		
Total Abundance w/ Epi.			5205
Total Abundance w/o Epi.			5091

* Indicates taxa skipped in taxa counts